

# SPR Auto Technologies



## Building a powertrain-agnostic growth platform

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Investors are advised to refer through important disclosures made at the last page of the Research Report.  
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Financials and valuations

# SPR Auto Technologies

BSE SENSEX

74,828

S&amp;P CNX

23,447



|                       |             |
|-----------------------|-------------|
| Bloomberg             | SPRL IN     |
| Equity Shares (m)     | 44          |
| M.Cap.(INRb)/(USDb)   | 208.5 / 2.2 |
| 52-Week Range (INR)   | 4809 / 2526 |
| 1, 6, 12 Rel. Per (%) | 1/49/80     |
| 12M Avg Val (INR M)   | 357         |

## Financials & Valuations (INR m)

| Y/E MARCH    | FY27E  | FY28E   | FY29E   |
|--------------|--------|---------|---------|
| Sales        | 61,888 | 69,554  | 78,347  |
| EBITDA       | 11,078 | 13,007  | 14,808  |
| Adj. PAT     | 6,513  | 8,781   | 10,229  |
| EPS Gr. (%)  | 12.4   | 34.8    | 16.5    |
| BV/Sh. (INR) | 998.9  | 1,178.8 | 1,390.3 |

## Ratios

|          |      |      |      |
|----------|------|------|------|
| RoE (%)  | 17.0 | 17.4 | 17.2 |
| RoCE (%) | 14.4 | 16.6 | 17.3 |
| RoIC (%) | 15.1 | 19.1 | 21.2 |

## Valuations

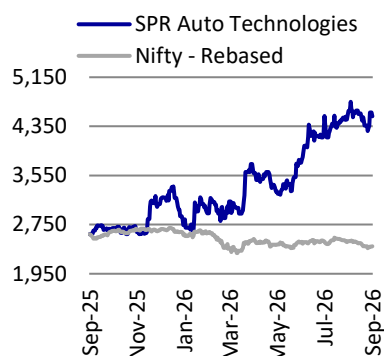
|                |      |      |      |
|----------------|------|------|------|
| P/E (x)        | 32.0 | 23.7 | 20.4 |
| P/BV (x)       | 4.5  | 3.8  | 3.2  |
| EV/EBITDA (x)  | 18.1 | 14.9 | 12.5 |
| Div. Yield (%) | 0.2  | 0.3  | 0.3  |

## Shareholding pattern (%)

| As On    | Jun-26 | Mar-26 | Jun-25 |
|----------|--------|--------|--------|
| Promoter | 43.8   | 43.8   | 43.8   |
| DII      | 12.2   | 12.9   | 13.3   |
| FII      | 8.2    | 7.6    | 5.9    |
| Others   | 35.9   | 35.7   | 37.0   |

FII Includes depository receipts

## Stock performance (one-year)


**CMP: INR4,494**
**TP: INR6,150 (+37%)**
**Buy**

## Building a powertrain-agnostic growth platform

SPR Auto Technologies (SPR) is evolving from being a traditional piston manufacturer into a diversified, technology-driven, powertrain-agnostic mobility platform through strategic inorganic acquisitions. The piston business is a strong cash-cow franchise for SPR, supported by market leadership, ~500bp higher margins than the next peer and core RoCE of over 50%. SPR is benefiting from rising multi-fuel opportunities (CNG, ethanol, hydrogen and hybrids), strong aftermarket demand, and the premature exit of global competitors from the ICE ecosystem. Leveraging its strong balance sheet and cashflow profile, SPR is reinvesting in acquisitions such as Antolin, Takahata, TGPEL and EMFi, thereby diversifying beyond powertrain-focused products to precision plastic molding components and expanding estimated content per vehicle by 6x to INR30k+. This strategy helps SPR create a scalable auto component platform with balanced exposure across powertrains. We initiate coverage with a BUY rating and a TP of INR6,150, premised on 30x Sep'28E EPS.

## Pistons - stronger for longer

SPR operates in a high-entry-barrier precision engineering business with an estimated market share of over 45%, aided by strong technological capabilities and deep OEM relationships. The business is well positioned to accelerate growth, supported by the continued relevance of pistons across multi-fuel powertrains, scale-up opportunities in the aftermarket and non-auto segments, and potential market share gains due to the exit of global players from the ICE segment. Its strong balance sheet, ~500bp higher margins than the next peer, and over 50% core RoCE reinforce its status as a cash-cow business.

## De-risking the business through engine-agnostic acquisitions

New acquisitions, including Antolin, Takahata, TGPEL and EMFi, contribute ~35% to consolidated revenue, providing powertrain-agnostic growth exposure. These businesses enable SPR's entry into high-precision plastic molding segments with strong market positions in India and offer meaningful scale-up and margin expansion opportunities.

## Well diversified across multiple dimensions

SPR benefits from a highly diversified business model across products, powertrains, customers, vehicle segments, channels and geographies, reducing concentration and cyclicity risks. Most of its products are powertrain-agnostic and relevant across ICE and EV platforms. No single vehicle segment or customer contributes materially to revenue, reflecting balanced exposure across auto segments and virtually all major OEMs.

### Lean and clean balance sheet

SPR also benefits from a lean working capital cycle (63 days) and strong return ratios (~20% core RoCE – cons.), led by efficient capital deployment. Cashflow conversion remains healthy (10-year net CFO/EBITDA ~80%, FCF/PAT ~57%). Consistent dividend payouts further highlight cash flow visibility and capital discipline.

### Valuation and view

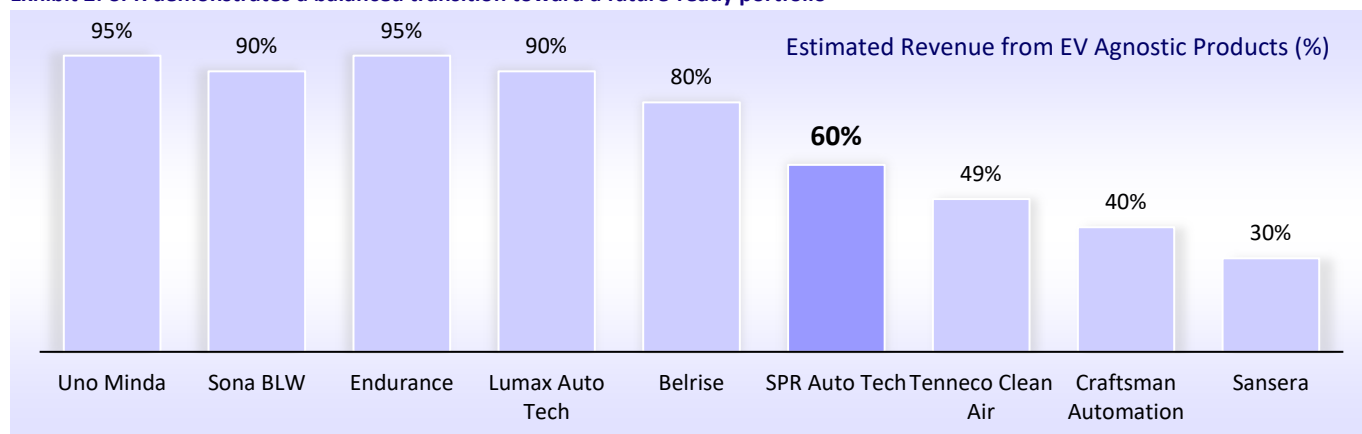
- We estimate a 21% PAT CAGR, driven by a stable standalone business and the rapid scale-up of subsidiaries. The balance sheet is expected to improve gradually from the FY26 base, supported by a strong margin expansion in subsidiaries and limited growth capex requirements. Consolidated core RoCE is expected to improve from 20% in FY26 to 28% in FY29. At CMP of INR4,494, the stock is trading at 23.7x FY28E and 20.4x FY29E EPS. We initiate coverage on SPR with a BUY rating and a TP of INR6,150, premised on 30x Sep'28E EPS. Additionally, the company has recently completed the INR10b QIP to fund future organic and inorganic growth opportunities, which could act as a key trigger for further upside.
- **Key risks:** 1) rise in competitive intensity, 2) fluctuations in commodity prices, 3) changes in technology, and 4) loss of key customers.

**Exhibit 1: Peer comparison (INR b)**

| Particulars FY26   | SPR Auto Tech | Gabriel | Uno Minda | Sona BLW | Lumax Auto Tech | TENNIND | Belrise | Craftsman | Endurance | Motherson Sumi Wiring |
|--------------------|---------------|---------|-----------|----------|-----------------|---------|---------|-----------|-----------|-----------------------|
| Market Cap (INR b) | 202           | 257     | 713       | 499      | 135             | 208     | 226     | 295       | 385       | 239                   |
| Revenue            | 44.6          | 52.5    | 196.6     | 44.5     | 48.7            | 49.2    | 95.1    | 80.7      | 14.6      | 114.8                 |
| EBITDA             | 8.8           | 5.0     | 22.5      | 10.8     | 6.6             | 9.3     | 11.5    | 12.4      | 19.6      | 10.6                  |
| EBITDA Margin (%)  | 20            | 10      | 11        | 24       | 14              | 19      | 12      | 15        | 134       | 9                     |
| Net Debt/EBITDA    | 0.6           | -0.5    | 1.1       | 0.1      | 1.2             | -0.4    | 0.6     | 2.8       | 0.2       | 0.2                   |
| PAT                | 5.8           | 4.5     | 12.0      | 6.4      | 2.9             | 6.3     | 5.0     | 3.8       | 9.5       | 6.3                   |
| P/E (x)            | 34.9          | 57.6    | 59.6      | 78.0     | 46.1            | 33.0    | 45.5    | 76.8      | 40.5      | 38.2                  |
| Net Debt           | 5.5           | -2.5    | 23.8      | 0.9      | 8.2             | -5.2    | 6.8     | 34.4      | 4.5       | 1.6                   |
| EV                 | 207.9         | 190.4   | 737.0     | 500.2    | 143.5           | 203.1   | 233.1   | 329.4     | 389.9     | 240.4                 |
| Capital Employed   | 51.8          | 11.4    | 74.0      | 58.3     | 22.2            | 13.3    | 57.2    | 52.7      | 70.8      | 22.4                  |
| ROCE (%) - pre tax | 20            | 33      | 21        | 14       | 22              | 61      | 14      | 15        | 17        | 38                    |

Source: Company, MOFSL

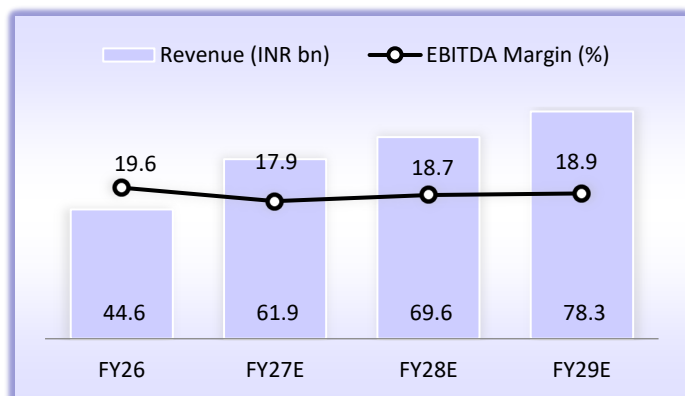
**Exhibit 2: SPR demonstrates a balanced transition toward a future-ready portfolio**



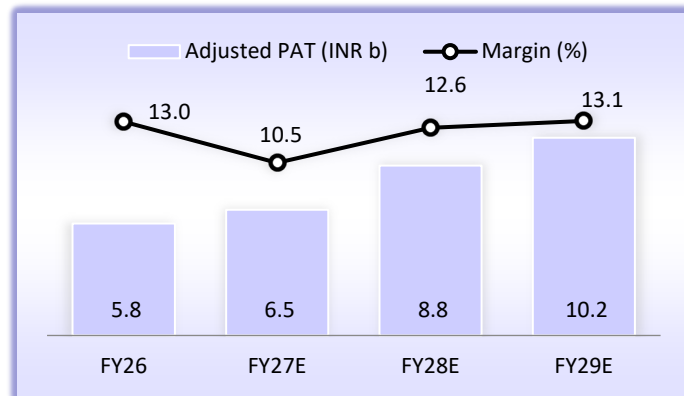
Source: Company, MOFSL

## STORY IN CHARTS

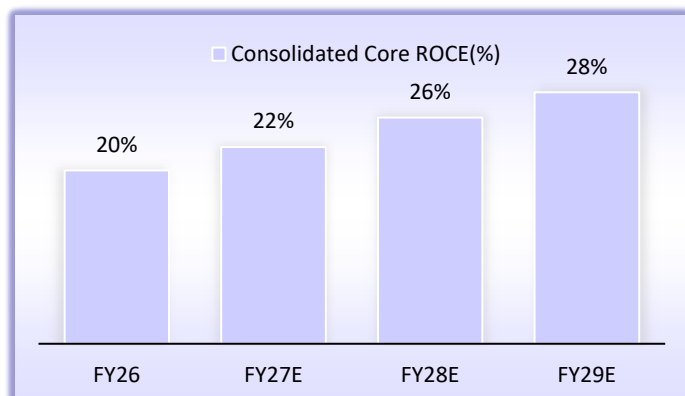
### Double-digit revenue growth driven by faster scale-up of new businesses



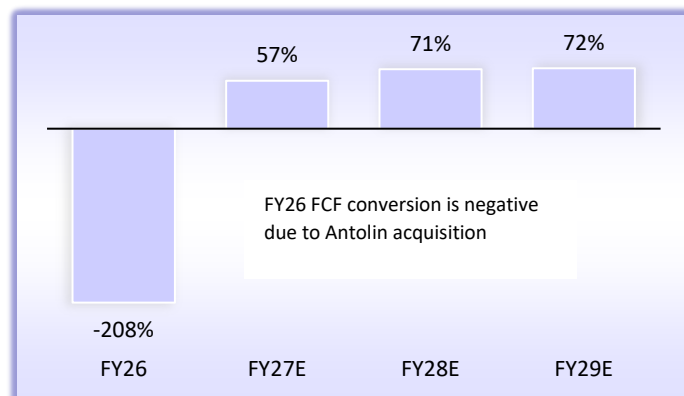
### PAT is estimated to cross INR10b by FY29



### Sharp improvement in core RoCE



### Cash conversion (FCF/PAT) to become strong as Antolin scales up



### Scaling up new businesses into meaningful revenue contributors

| Particulars (INR m) -FY29E       | Core Business | New Businesses | Consolidated Financials | Remarks                                                                                            |
|----------------------------------|---------------|----------------|-------------------------|----------------------------------------------------------------------------------------------------|
| Revenue                          | 47,688        | 30,659         | 78,347                  | ❖ New business that commenced in FY24 is expected to contribute to ~40% of legacy business by FY29 |
| EBITDA                           | 10,110        | 4,698          | 14,808                  | ❖ Legacy business margins remain the best among peers                                              |
| EBITDA Margin (%)                | 21.2%         | 15.3%          | 18.9%                   | ❖ New business margins being scaled up rapidly                                                     |
| EBIT                             | 9,021         | 3,115          | 12,136                  |                                                                                                    |
| PAT                              | 6,944         | 3,285          | 10,229                  |                                                                                                    |
| Core Capital Employed            | 13,892        | 28,855         | 42,747                  |                                                                                                    |
| Core ROCE(%)                     | 64.9%         | 10.8%          | 28.4%                   | ❖ Sharp improvement in core RoCE from the current 20% levels                                       |
| Net Working Capital Cycle (Days) | 66            | 54             | 61                      |                                                                                                    |
| Net Cash                         | (18,598)      | (4,545)        | (23,142)                | ❖ All businesses to remain net cash, including INR10b QIP                                          |
| Net CFO Yield (%)                |               |                | 4.7%                    |                                                                                                    |
| FCF Yield (%)                    |               |                | 3.5%                    |                                                                                                    |
| Dividend Yield (%)               |               |                | 0.3%                    |                                                                                                    |
| Net Cash as a % of Mcap (%)      |               |                | 11.1%                   |                                                                                                    |

Source: Company, MOFSL

## Pistons: Stronger for longer

SPR operates in a high-entry-barrier business driven by precision engineering, proprietary metallurgy, engine-specific customization, and long OEM validation cycles, creating a strong competitive moat. The company is India's largest piston manufacturer with leadership across OEMs and aftermarket, supported by deep relationships with major domestic and global automotive players. Despite EV-related concerns, SPR remains well-positioned, as pistons continue to play a critical role across multi-fuel powertrains, including CNG, ethanol, hydrogen, and hybrids. Additionally, global exits from ICE businesses are creating market share gain opportunities. Its domestic aftermarket business (~17% of standalone revenue) provides resilient cash flows backed by strong brands and a 1,200+ distributor network. A strong balance sheet further supports investments, acquisitions, and technology upgrades, while rising piston complexity from stricter emission norms and advanced fuel technologies is expected to further strengthen its market dominance.

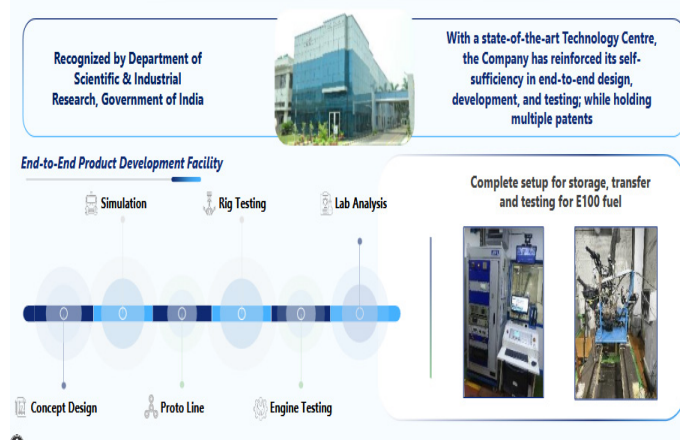
**Each piston is engine-specific** (SPR has over 2,000 variants and up to 18,000 SKUs), **requiring deep OEM co-design and long validation cycles of 3-5 years, making reverse engineering difficult.**

### 1. High-entry-barrier business

Pistons are high-precision, micron-level components that operate under extreme engine conditions, where even minor defects can lead to failure. While the base process involves forging or casting, the real barrier lies in proprietary metallurgy, as pistons must withstand repeated thermal and mechanical stress while maintaining tight tolerances through precise design and coatings. **Each piston is engine-specific** (SPR has over 2,000 variants and up to 18,000 SKUs), **requiring deep OEM co-design and long validation cycles of 3-5 years, making reverse engineering difficult.**

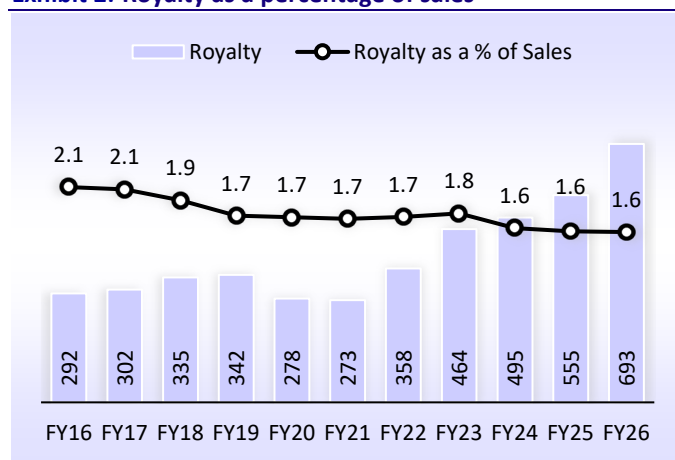
Further strengthening this high-barrier business, the April 2025 acquisition of Karna Intertech, a UP-based gravity die-casting mold supplier, enables further backward integration, internalizing critical tooling, reducing dependence on external suppliers, and reinforcing a **strong defensive moat against new entrants. This is complemented by the company's in-house R&D capabilities and strategic global technology partnerships, which continue to drive innovation and product reliability.**

Exhibit 1: Advanced in-house R&D center



Source: Company, MOFSL

Exhibit 2: Royalty as a percentage of sales



Source: Company, MOFSL

Note: FY24, FY25, FY26 royalty as a % of consolidated sales is lower due to new acquisitions

**Exhibit 3: Exclusive partnerships driving technology leadership**

| Technology Partner              | KS Kolbenschmidt GmbH                                                                                                                                                      | Riken Corporation                                                                                                                                                                     | Honda Foundry Co., Ltd.                                   | Fuji Oozx Inc.                                                                     |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------------------------------|
| Country                         | Germany                                                                                                                                                                    | Japan                                                                                                                                                                                 | Japan                                                     | Japan                                                                              |
| Partner's Background            | Among the top three global manufacturers of pistons                                                                                                                        | Leader in Japan and among the top three global manufacturers of piston rings                                                                                                          | Subsidiary of Honda with a strong role in engine castings | Leader in Japan and among the top five manufacturers of engine valves in the world |
| Year                            | 1975                                                                                                                                                                       | 1987                                                                                                                                                                                  | 1987                                                      | 1985                                                                               |
| Agreement Type                  | Technical collaboration                                                                                                                                                    | Technical collaboration                                                                                                                                                               | Technical collaboration                                   | Technical collaboration                                                            |
| Product Focus                   | <b>Pistons</b>                                                                                                                                                             | <b>Piston rings</b>                                                                                                                                                                   | <b>Pistons specific to Honda requirements</b>             | <b>Engine Valves</b>                                                               |
| Consideration                   | Royalty on sales                                                                                                                                                           | Royalty on sales                                                                                                                                                                      | Royalty on sales                                          | Royalty on sales                                                                   |
| Validity                        | Long-term (ongoing)                                                                                                                                                        | Till Feb 2028                                                                                                                                                                         | Till Sep 2031                                             | Till Dec 2029                                                                      |
| Current Presence in SPR's Board | Mr Klaus Semke (Non- Executive Director of SPR and President of Kolbenschmidt, Germany)                                                                                    | Mr Yasunori Maekawa (Non- Executive Director of SPR and COO of Riken Corp, Japan)<br>Mr Shigeto Muno (Alternate Director to Mr Maekawa - Senior General Manager of Riken Corp, Japan) | No                                                        | Mr Akihiro Ozaki (Independent Director of SPR) and VP of Fuji Valve Japan          |
| Current Stake Held in SPR (%)   | Zero. Following Rheinmetall's global exit from the piston business, its 20% stake in SPR (held through its subsidiary, KS Kolbenschmidt) was fully divested in March 2024. | <b>20.2%</b>                                                                                                                                                                          | 0                                                         | 0                                                                                  |

Source: Company, MOFSL

“ I don't think we have anybody in India who is manufacturing a vehicle and is not our customer. - 4QFY25 call **SPR Auto Tech** ”

**2. Market leader in core business with a strong presence across all OEMs**

**SPR is India's largest piston manufacturer, with an estimated market share of over 48%** (followed by Federal-Mogul at ~30%), ahead of domestic peers such as Samkr, Menon Pistons, Mahle, Rane Engine Valves, IP Rings, etc. The company also holds leadership in **the domestic aftermarket (AM India) through its USHA and SPR brands and is the largest exporter of piston sets in the country**. Globally, SPR ranks among the top five players alongside Kolbenschmidt, MAHLE, Tenneco, and AISIN, **which together account for ~35-40% of the automotive piston market**. The company has a broad OEM presence across India, catering to customers such as Tata, Maruti Suzuki, Mahindra, Bajaj, Hero, Eicher, John Deere, Escorts, Kubota, Cummins, Honda, TVS, Ashok Leyland, Bharat Benz, Hyundai, Renault, Nissan, ITL, and TAFE. Its export customer base includes Volkswagen, Jaguar Land Rover, BMW, Honda, Fiat, Fuso, Caterpillar, Wabco, Renault, AGCO, Suzuki, Kubota, Cummins, Yanmar, and Perkins. **Its top customers include Maruti Suzuki, Mahindra, Tata, Bajaj, Hero, Honda, Escorts, and Cummins.**

**Exhibit 4: Estimated OEM market size in India**

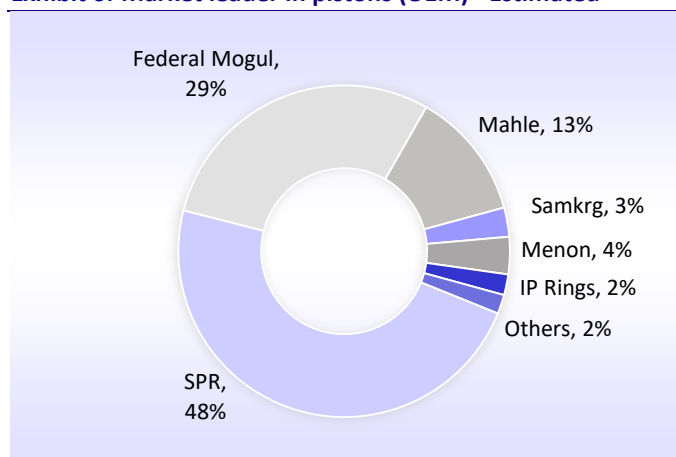
| Segment      | Annual Production (m Units) | Total CPV (INR) | OEM TAM (INR M) |
|--------------|-----------------------------|-----------------|-----------------|
| 2W           | 25                          | 500             | 12,500          |
| 3W           | 1                           | 500             | 500             |
| PV           | 5                           | 4,600           | 23,000          |
| Tractor      | 1                           | 4,800           | 4,800           |
| CV           | 1                           | 8,300           | 9,130           |
| Off Highway  |                             |                 | 220             |
| <b>Total</b> | <b>33</b>                   |                 | <b>50,150</b>   |

Source: Company, MOFSL

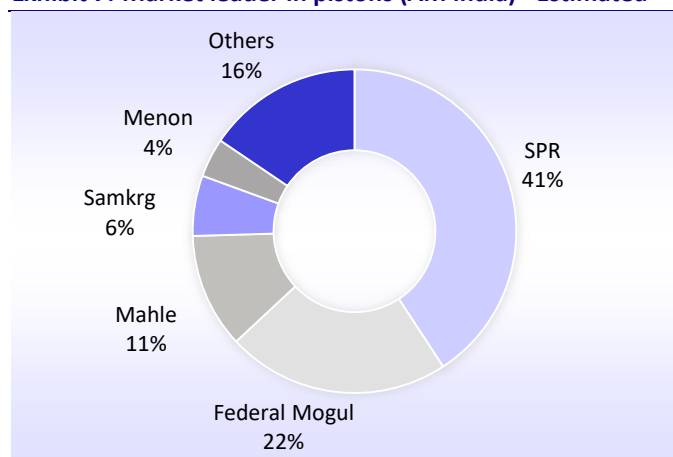
**Exhibit 5: Estimated AM market size in India**

| Segment      | Rough AM Vehicles<br>(m units) | Replacement Cycle<br>(Years) | Overhaul % | CPV (INR) | Aftermarket Size<br>(INR m) |
|--------------|--------------------------------|------------------------------|------------|-----------|-----------------------------|
| 2W           | 240                            | 10                           | 10%        | 2,000     | 4,800                       |
| 3W           | 10                             | 7                            | 20%        | 2,000     | 571                         |
| PV           | 40                             | 10                           | 10%        | 8,000     | 3,200                       |
| Tractor      | 10                             | 10                           | 10%        | 10,000    | 1,000                       |
| CV           | 9                              | 7                            | 20%        | 20,000    | 5,143                       |
| <b>Total</b> |                                |                              |            |           | <b>14,714</b>               |

Source: Company, MOFSL

**Exhibit 6: Market leader in pistons (OEM) - Estimated**


Source: Company, MOFSL

**Exhibit 7: Market leader in pistons (AM India) - Estimated**


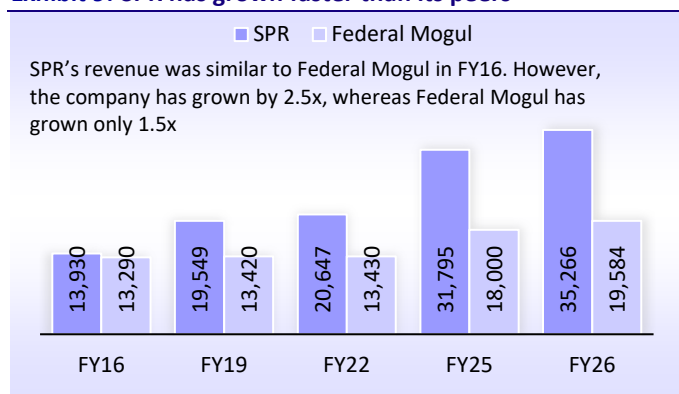
Source: Company, MOFSL

**Exhibit 8: Undisputed market leader: A resilient cash cow in the high-barrier engine segment**

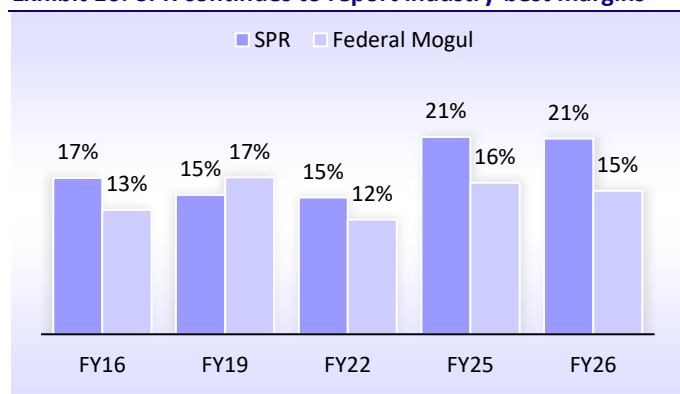
| TTM (INR m)                 | SPR Pistons | Federal Mogul | Menon Pistons | Samkrp Pistons | IP Rings | Comments                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------|-------------|---------------|---------------|----------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Revenue                     | 36,325      | 20,010        | 3,071         | 2,937          | 3,513    | <ul style="list-style-type: none"> <li>❖ SPR's revenue is higher than all four peers combined.</li> <li>❖ SPR is the most diversified, with all segments contributing similarly.</li> <li>❖ Some peers are not diversified - Samkrp has ~80% revenue from only 2W; only ~30% of IP's revenue is comparable, and Menon is mainly into CV &amp; Tractors.</li> </ul> |
| EBITDA                      | 7,492       | 2,997         | 479           | 377            | 317      | ❖ SPR's EBITDA is higher than all four peers combined.                                                                                                                                                                                                                                                                                                             |
| EBITDA Margin (%)           | 21%         | 15%           | 16%           | 13%            | 9%       | ❖ SPR commands industry-leading margins.                                                                                                                                                                                                                                                                                                                           |
| Depreciation                | 890         | 867           | 124           | 138            | 179      |                                                                                                                                                                                                                                                                                                                                                                    |
| Depreciation/EBITDA (%)     | 12%         | 29%           | 26%           | 37%            | 57%      |                                                                                                                                                                                                                                                                                                                                                                    |
| EBIT                        | 7,306       | 2,495         | 382           | 266            | 194      |                                                                                                                                                                                                                                                                                                                                                                    |
| Interest                    | 724         | 87            | 33            | 116            | 142      |                                                                                                                                                                                                                                                                                                                                                                    |
| Interest/EBIT (%)           | 10%         | 3%            | 9%            | 44%            | 73%      |                                                                                                                                                                                                                                                                                                                                                                    |
| Net Debt/EBITDA             | 0.8         | -2.8          | -0.1          | 0.9            | 3.7      |                                                                                                                                                                                                                                                                                                                                                                    |
| PBT                         | 6,582       | 2,409         | 349           | 150            | 52       |                                                                                                                                                                                                                                                                                                                                                                    |
| Adjusted PAT for Owners     | 5,195       | 1,709         | 261           | 96             | 38       | ❖ SPR's PAT is more than double of all four peers combined.                                                                                                                                                                                                                                                                                                        |
| Cash PAT                    | 6,085       | 2,576         | 385           | 233            | 217      |                                                                                                                                                                                                                                                                                                                                                                    |
| Cash PAT Margin (%)         | 17%         | 13%           | 13%           | 8%             | 6%       |                                                                                                                                                                                                                                                                                                                                                                    |
| Net Block (incl CWIP)       | 6,303       | 5,460         | 1,179         | 1,770          | 1,547    | ❖ Net blocks of SPR and Federal Mogul are similar.                                                                                                                                                                                                                                                                                                                 |
| CWIP                        | 180         | 725           | 40            | 232            | 35       |                                                                                                                                                                                                                                                                                                                                                                    |
| Net WC Days (on sales)      | 64          | 19            | 62            | 105            | 66       | ❖ Higher payable days are leading to the best working capital days for Federal.                                                                                                                                                                                                                                                                                    |
| : Inventory Days (on sales) | 46          | 41            | 45            | 48             | 73       | ❖ Federal has the lowest inventory days.                                                                                                                                                                                                                                                                                                                           |
| : Debtor Days (on sales)    | 57          | 49            | 54            | 82             | 79       | ❖ SPR's debtor days remain among the best in the industry.                                                                                                                                                                                                                                                                                                         |
| : Payable Days (on sales)   | 39          | 71            | 37            | 25             | 86       | ❖ Federal Mogul has best payable days                                                                                                                                                                                                                                                                                                                              |
| Net Debt/(Net Cash)         | 6,239       | -8,382        | -43           | 332            | 1,181    |                                                                                                                                                                                                                                                                                                                                                                    |
| Core ROCE (%)               | <b>57%</b>  | 41%           | 21%           | 11%            | 6%       | ❖ SPR has industry best ROCE                                                                                                                                                                                                                                                                                                                                       |

Source: Company, MOFSL

Note: We have only considered SPR's standalone financials in the above comparison, as the company has a core business in standalone.

**Exhibit 9: SPR has grown faster than its peers**


Source: Company, MOFSL

**Exhibit 10: SPR continues to report industry-best margins**


Source: Company, MOFSL

### 3. Riding the multi-fuel transition

SPR maintains a ‘first-mover’ advantage by aligning its R&D with evolving Indian emission standards (BS IV to BS VI). Its ‘India-first’ engineering, optimized for local road conditions, fuel variability, and cost-sensitivity, ensures its core business components remain indispensable across all multi-fuel platforms (CNG, Ethanol, Hydrogen), with the sole exception of pure BEVs.

**Exhibit 11: Core business has multi-fuel usage; SPR is future-ready**

| Fuel / Platform | Key Dynamics                                                                       | Technical Requirements                                                                                        | SPR's Market Positioning                                                                                                                                                          | Business Impact                                                                      |
|-----------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Hybrid Vehicles | Customers often downsize the engine to manage costs and supplement it with a motor | Ultra-low friction pistons, advanced coatings & anodizing, high-performance components for Euro 6/7 standards | <b>Supplies pistons, rings, valves, motors, controllers; aligned with hybrid platform requirements</b>                                                                            | <b>Neutral.</b><br>Higher content per vehicle offsets engine downsizing              |
| Ethanol         | Higher wear & tear, lower power density at high ethanol blends                     | Complete redesign of compression ratios & scavenging, advanced coatings, high carbon-tolerant pistons         | <b>Already has tested products that can cater to ethanol blending of 20%-85%: Solutions for 85-100% blending already developed; actively working with OEMs for implementation</b> | Drives <b>higher realization per vehicle</b> due to increased complexity             |
| CNG / LNG / PNG | Different combustion characteristics vs liquid fuels; rising adoption in CVs & PVs | Specialized piston designs for gaseous fuel combustion behavior                                               | <b>Already in production and scaling phase with a strong manufacturing pipeline: Has 100% SOB with Bajaj CNG 2W</b>                                                               | Established market position; <b>higher realization per vehicle</b>                   |
| Hydrogen        | Early-stage but high-potential zero-emission ICE opportunity                       | Addressing hydrogen embrittlement, high-pressure compatibility, safety redundancies                           | <b>In advanced field trials with 3+ OEMs; leveraging strong R&amp;D</b>                                                                                                           | <b>Higher realization per vehicle</b> , strong positioning in the emerging ecosystem |

Source: Company, MOFSL

“With new technology like ethanol blending or hydrogen pistons, product realizations will go up. There is no fixed trend, because it depends again on the kind of technology. For example, when we migrated to Euro 6 from Euro 4, **at that time, there was a content improvement from a value perspective. But it was not very high; but with regards to hydrogen and ethanol, we expect it to be higher.**”

4QFY24 call - SPR Auto Tech

## Exhibit 12: Piston solutions for ethanol-blended vehicles

### Ethanol Blended Fuel Application Piston Assembly Technologies



#### Challenges with Ethanol Blended Fuel

| Concern                    | Affect On Piston Assembly | Potential Countermeasures          |
|----------------------------|---------------------------|------------------------------------|
| Lube Oil Dilution          | High ring wear            | PVD coated Top Ring                |
| High Sludge                | High groove wear          | Cr/PVD coated 2 <sup>nd</sup> ring |
| Formation                  | Top Ring Sticking         | PVD coated Oil ring                |
| High corrosive environment |                           | Piston Top Groove Anodizing        |
| High groove wear           |                           |                                    |

#### Ring Pack Solutions



Rectangular I.D. Bevel Steel Top Ring (PVD Coated)



Taper O.D. Stepped Steel 2<sup>nd</sup> Ring with Cr/PVD coating



3-Piece Oil Control Ring (PVD Coated)

### Ethanol Blended Fuel Application: Engine Valve Technologies

#### Challenges with Ethanol Blended Fuel

- High thermal stresses
- High Seat wear due to metal to metal contact
- Rusting/corrosion
- Fatigue Failure

#### Engine valve solutions for Ethanol Blending

##### HEAD MATERIAL

Below are countermeasures for high thermal stresses

- Intake: Austenitic material used at head side
- Exhaust: Nickel based materials used in higher % of Ethanol



##### SEAT HARD FACING/ NITRIDED SEAT

Below are countermeasures for high seat wear/ fatigue failure

- Intake: Nitrided seat used & for higher % ethanol seat hard facing is used
- Exhaust: Seat hard facing is used to improve wear resistance

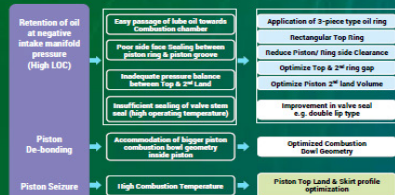
Source: Company Annual Report

## Exhibit 13: Piston solutions for CNG vehicles

### SPR Initiatives towards CNG Fuel

CNG is becoming a very popular choice of Fuel due to its low emissions characteristics. It is becoming a preferred choice for personal and public transportation.

#### Challenges with CNG



#### Solutions for Piston Assy :

Piston Design / Crown for Gasoline NA MPFI Engine



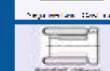
To Accommodate CR for CNG Application Piston Crown get change



Rectangular Top Ring (CPC Coated)



Second Ring (negative twist)

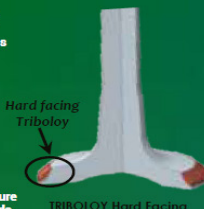


3-Piece Oil Ring

### CNG Application: Engine Valve Technologies

#### Challenges with CNG Fuel

CNG environment is very Dry and contains little oxygen and lubrication. Leading to very high wear rates in traditional hard facing alloys (stellite materials)



#### Engine valve solution

Triboloy T-400 material used Microstructure of T-400 contains intermetallic compounds of Mo and Si which maintains hardness even at high temperature

#### Existing: Stellite

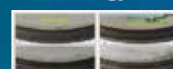


Stellite Coating in CNG valve Face Wear 40 µm/max



Stellite

#### New Technology: Triboloy



Triboloy Coating in CNG valve Face Wear 14 µm/max



Triboloy

65% reduction in Wear rate



Matrix : Co - Cr Solid solution Carbide : M<sub>6</sub>C<sub>4</sub> (M = Cr, Mo) Intermetallic compound : (Co, Mo)<sub>3</sub>Si Intermetallic phase: Laves phase

Thermally stable upto 750°C Contains 28% Mo for higher wear resistance

Source: Company Annual Report

## Exhibit 14: Piston solutions for hydrogen vehicles

### SPR Initiatives towards H<sub>2</sub> Fuel

Internal combustion engines (ICE) have excellent cost, reliability and also good efficiency compared to other possibilities like batteries or fuel cells.



+

H<sub>2</sub> has potential to become the fuel of the future:

- Less conversion loss than e-Fuels.
- CO<sub>2</sub> neutral.



#### Challenges with H<sub>2</sub>

- ε 10:1 - 12:1 → Accommodate combustion bowl geometry ;
- Oil consumption → CO<sub>2</sub> emissions (<1%) ;
- Blow-by → Possible ignition at crankcase(?) ;
- Surface temperature → Pre-ignition + knocking + Embrittlement ;
- Top land crevice volume → H<sub>2</sub> unburnt emissions & efficiency

#### Solutions for Piston Assy :



Special Combustion Bowl Shape



Low Top-land (lower crevice)



Asy. Barrel Rectangular IP-251 Plated Ring



Taper Comp Steel Reverse Torsion Ring



Rikvent Oil Ring (3-Piece)

Source: Company Annual Report

“ India is very likely going to be the **last man standing** when it comes to ICE engines.  
Mr. Manoj Kolhatkar, Gabriel India Aug'23 call. ”

“ With presence across various product lines, the company has now reached a level where almost **60% of the business is not going to be impacted by the EV penetration**.  
Mr. Krishnakumar Srinivasan, Managing Director & CEO of SPR in 4QFY26 Press Release. ”

#### 4. Multiple levers for consistent industry outperformance

In the last decade, SPR's core business has outperformed the industry in revenue by 600bps (*SPR revenue CAGR at 10% vs. OEM CAGR at 4%*). We expect this outperformance to continue, though the composition will shift as standalone operations are projected to contribute 4% to this lead—moderated by EV penetration (*However, new businesses to grow faster*). Below are the growth drivers for the core business:

- a) **Increase in business with OEM customers:** SPR is poised to gain share of business with customers in India and globally as international ancillary players exit the ICE segment. Management expects India to have a longer runway for non-EV powertrains (CNG, ethanol, hydrogen, hybrid), **aligning with the OEM strategy that views EVs as the long-term goal but multi-fuel as the near- to medium-term reality, with ~15-20% EV penetration expected by 2030**. Despite aggressive government targets of ~30% EV penetration, actual adoption remains low at ~9% of total sales due to high costs and infrastructure constraints, with PV EV penetration at just ~5% in FY26—well behind China (50%+), Europe (~25%), and the US (~8%). Global OEMs like Ford, GM, and Mercedes-Benz are delaying EV targets to prioritize hybrids and ICE models due to high costs, range anxiety, and poor resale value. This shift is supported by increasingly technology-neutral policies that favor multi-fuel and e-fuels over pure EV mandates. **With OEMs becoming more liberal toward multi-fuel and global ancillary players exiting piston businesses prematurely (*Rheinmetall, the second largest player in the world, has exited*), SPR—positioned as “the last man standing”—is capturing vacated capacity, while domestic peers lag in balance sheet strength and technology**. This reinforces core dominance while diversifying into powertrain agnostic acquisitions, reducing piston **OEM revenue mix to 40-45% to date (Also, primary EV risk is in 2W/3W/PV in the near term and not in CV or tractors)**.

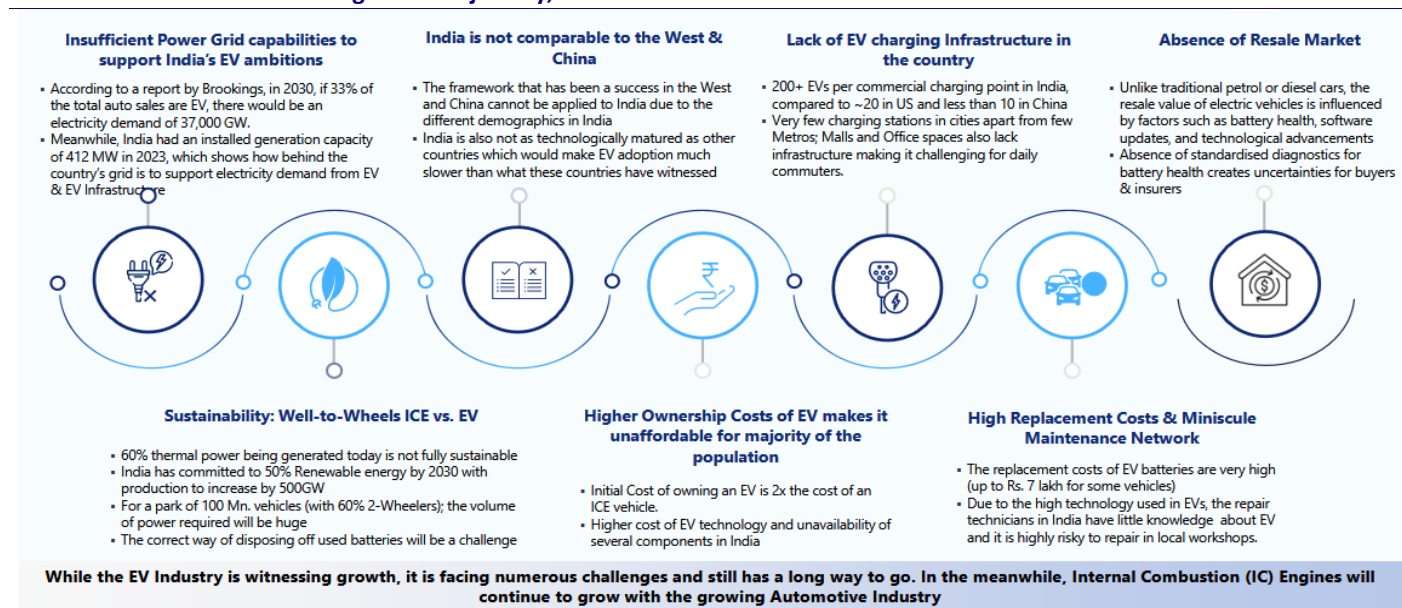
*“The INR450 Crores impairment during the quarter of our investments in KPTL (E-mobility division) is an acceptance of the need to take a fresh look at how we address the EV opportunity, as the EV adoption globally has changed significantly. As you are aware, globally, the electric vehicle adoption has taken different trajectory as compared to what was originally envisaged,” he said, adding that there has been a “recalibration of everybody's EV strategy globally, except the Chinese.”- Bharat Forge 4QFY26 call”:*

**Exhibit 15: EV is the long-term direction, but multi-fuel will dominate the next decade**

| Company               | Latest Commentary                                                                                                                                         | Multi-Fuel Strategy / Models                                                                                                                                                                         |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Toyota                | ❖ The future is electrified — but not electric alone. Battery EVs fit best for shorter urban drives. Hybrids cover longer trips without charging stations | ❖ Strong Hybrid and CNG versions of Innova Hycross, Urban Cruiser Hyryder, and Glanza, alongside the upcoming Urban Cruiser Taisor (CNG/Turbo) and Urban Cruiser EV (BEV), are slated for late 2026. |
| Maruti Suzuki         | ❖ Hybrids gaining traction; EV rollout calibrated due to infra constraints                                                                                | ❖ <b>Grand Vitara (strong hybrid)</b> , CNG portfolio, Upcoming EV (e-Vitara)                                                                                                                        |
| Mahindra & Mahindra   | ❖ Parallel bets across EV + hybrids; EV adoption still gradual                                                                                            | ❖ <b>XUV700 (petrol/diesel)</b> , <b>Scorpio-N</b> , EVs like XEV 9e; CNG in rollout, hybrid plans under evaluation                                                                                  |
| Bajaj Auto            | ❖ Focus on <b>CNG + ICE + EV mix</b> , not EV-only transition                                                                                             | ❖ <b>Freedom CNG bike</b> , ICE portfolio, Chetak EV                                                                                                                                                 |
| Hero MotoCorp         | ❖ EV is one pillar; continues strong ICE + alt fuel focus                                                                                                 | ❖ <b>Splendor (ICE/CNG variants emerging)</b> , Vida EV lineup                                                                                                                                       |
| Honda Motor Co.       | ❖ Multi-path approach: ICE + hybrid + EV, depending on market                                                                                             | ❖ <b>City e:HEV (strong hybrid)</b> , petrol portfolio, selective EV rollout                                                                                                                         |
| Samvardhana Motherson | ❖ Hybrids expected to grow faster than EVs in the near term                                                                                               | ❖ Supplier aligned to ICE + hybrid + EV                                                                                                                                                              |
| BYD                   | ❖ EV leader, but exploring hybrids for broader markets                                                                                                    | ❖ EVs (Atto 3) + hybrid expansion globally                                                                                                                                                           |
| Motul                 | ❖ “Multi-technology mobility future” (EV + hydrogen + ICE)                                                                                                | ❖ Investing across EV fluids + ICE + alt fuels                                                                                                                                                       |

Source: Company, MOFSL

**Exhibit 16: ICE to still continue growth trajectory, while EV infrastructure comes online**



Source: Company, MOFSL

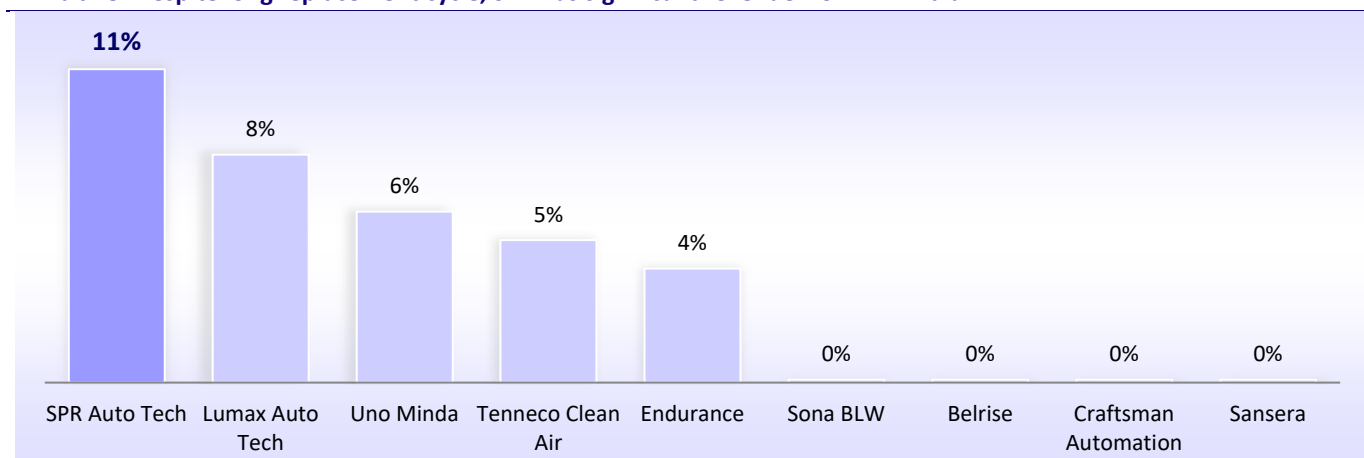
**Exhibit 17: India powertrain evolution (%)**

| Fuel Type      | 2W     |        | PV     |        | CV     |        |
|----------------|--------|--------|--------|--------|--------|--------|
|                | Jul'25 | Jul'26 | Jul'25 | Jul'26 | Jul'25 | Jul'26 |
| PETROL/ETHANOL | 92     | 89     | 48     | 42     | 5      | 3      |
| Diesel         | 0      | 0      | 18     | 18     | 82     | 80     |
| CNG/LPG        | 0      | 0      | 21     | 25     | 12     | 13     |
| HYBRID         | 0      | 0      | 8      | 8      | 0      | 0      |
| EV             | 8      | 11     | 5      | 8      | 2      | 4      |

Source: FADA

- b) **Aftermarket (AM) India:** Despite having a relatively longer replacement cycle (~10 years) compared to typical auto ancillaries, SPR's India aftermarket business has delivered an estimated ~12% revenue CAGR over the past decade, driven by a strong brand recall (SPR and USHA), a wide distribution network (1,200+ distributors), proactive product launches (including ahead of Euro-6 norms), and consistent product quality, supporting pull-driven demand. Limited competition from low-quality imports has further strengthened customer preference and aided market share gains. While EV penetration is rising at OEMs, the large existing ICE vehicle parc is expected to keep aftermarket demand intact over the medium term, supporting predictable consumption of core products.

**Exhibit 18: Despite long replacement cycle, SPR has significant revenue from AM India**

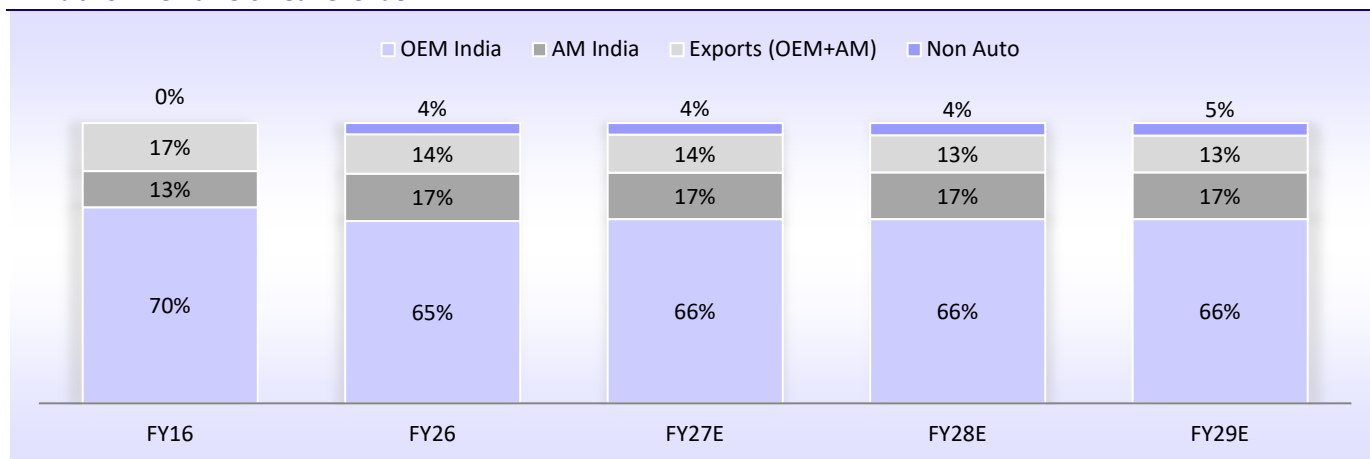


Source: Company, MOFSL

SPR is broadening its focus beyond automotive to supply piston kits **for non-automotive applications** such as industrial machinery, compressors, generators, braking systems, railways, snowmobiles, marine engines, harvesters, lawn mowers, and other off-highway equipment that are difficult to electrify.

- c) **Exports:** Over the last decade, SPR's exports have clocked a CAGR of 7%, despite geopolitical challenges, tariff restrictions, and several years of market decline in Europe and the US. The company is the largest exporter of pistons from India, with a presence in 30 countries across five continents, serving both OEM and aftermarket segments. Exports are largely driven through direct customer relationships (not reliant on technology partners like Kolbenschmidt or RIKEN), enabling deeper engagement and better market control. Europe, including the UK, remains the largest market for SPR, contributing 46% of SPR's export revenue in FY26. Opportunities such as potential India-Europe free trade agreements, deeper penetration across end-use segments, and India's status as a preferred manufacturing hub further support long-term growth.
- d) **Non-Auto:** SPR is broadening its focus beyond automotive to supply piston kits for non-automotive applications such as industrial machinery, compressors, generators, braking systems, railways, snowmobiles, marine engines, harvesters, lawn mowers, and other off-highway equipment that are difficult to electrify. Company supplies to marquee customers like Kirloskar Oil Engines, Cummins, etc. in this segment. This diversification, **initiated focus 4-5 years ago, now contributes ~3-4% of total revenue, with EBITDA margins comparable to automotive and lower cyclical**ity.

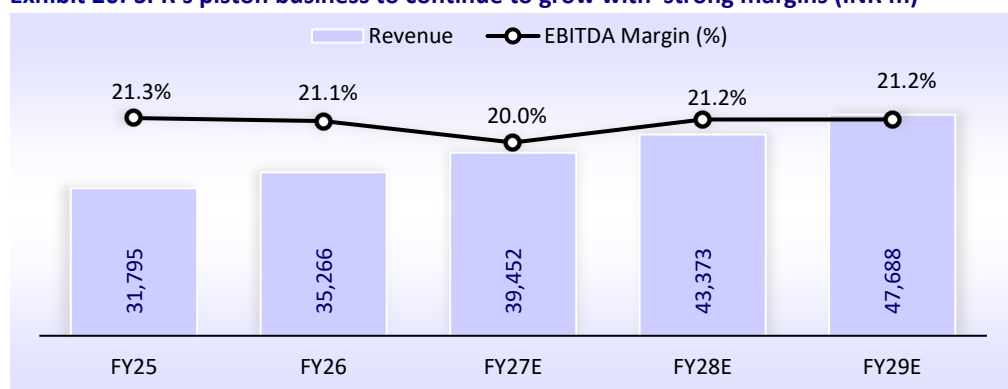
**Exhibit 19: Well-diversified revenue mix**



Source: Company, MOFSL

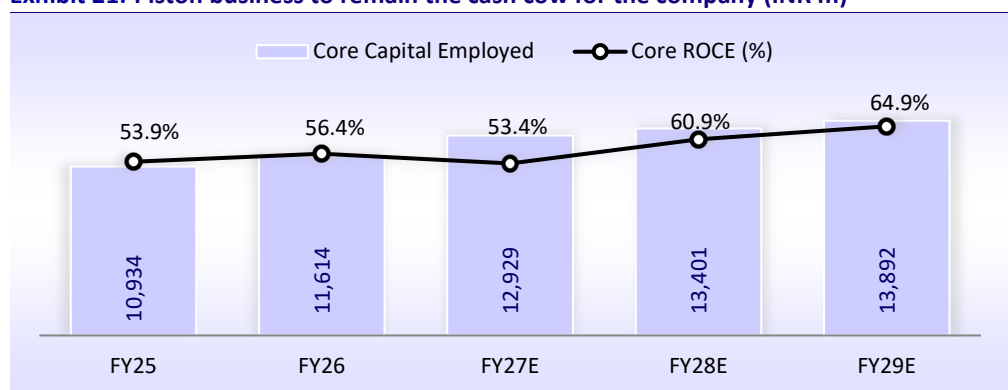
Overall, we estimate the standalone business (pistons) to clock 11% CAGR over FY26-29E, outperforming the industry by 4%, driven by higher growth from AM India and Non-Auto.

**Exhibit 20: SPR's piston business to continue to grow with strong margins (INR m)**



Source: Company

**Exhibit 21: Piston business to remain the cash cow for the company (INR m)**



Source: Company, MOFSL

## De-risking the business through engine-agnostic acquisitions

- SPR is aggressively de-risking its legacy ICE exposure through a series of strategic acquisitions that now contribute ~35% of consolidated revenue (including Antolin), creating a diversified and increasingly powertrain-agnostic business portfolio. The largest and most transformative acquisition is Antolin India, acquired at an EV of INR16.7b, which positions SPR in high-value automotive interiors and lighting systems with strong content growth potential in both ICE and EV platforms. Antolin (along with Krishna Group) is a market leader in automotive headliners with an estimated ~50% market share in India and possesses strong capabilities in technologically complex products such as ambient lighting, touch panels, capacitive systems, door trims, consoles, etc.
- Additionally, the Takahata and TGPEL acquisitions significantly expand SPR's presence in high-precision injection-molded plastic components across automotive, EV, electrical, consumer, industrial, and medical applications. These businesses specialize in niche, technology-intensive products such as steering, braking, airbag, seatbelt, trim, ECU housing, fuse box, connector, and specialty gear applications, while deliberately avoiding commoditized plastic components. Together, they command an estimated ~10% market share in their niche segments, supported by advanced capabilities such as insert molding, 2K/3K molding, ultra-thin wall precision components, and high localization levels, creating strong customer stickiness due to mold ownership, validation complexity, and single-supplier relationships. The businesses also bring diversified relationships across leading global OEMs and Tier-1 suppliers, including Toyota Group companies, Honda, Suzuki, Denso, Continental, Motherson, Schaeffler, Havells, and others. SPR has also invested in EMFi Innovations to build capabilities in EV motors and controllers across 2W, 3W, PV, CV, and off-highway applications, providing a long-term optionality play in India's EV ecosystem.

SPR is aggressively de-risking its business through a series of high-value acquisitions, which now contribute ~35% of consolidated revenue (including Antolin), providing a high-growth, powertrain-agnostic vertical that ensures long-term sustainability regardless of the EV transition pace.

Grupo Antolin is a market leader in overhead systems with an estimated ~50% market share in India

1. **Antolin:** SPR has acquired (*on 8th Jan'26*) 100% shareholding in Antolin Lighting India (ALIPL), Grupo Antolin India (GA IPL), and Grupo Antolin Chakan (GACPL) for an EV of INR16.7b. Antolin operates five state-of-the-art facilities—two each in Chakan and Pune and one in Chennai—with 1,800+ employees (permanent + contractual), allowing efficient nationwide service to major OEMs.

### Key USP:

- a. **Grupo Antolin is a market leader in overhead systems with an estimated ~50% market share in India (excluding Krishna Maruti JV) and** also supplies a wide range of interior components, including door panels, sun visors, ambient lighting, hard/soft trims, central consoles, pillar trims, touch panels, and capacitive pads.

“ We have access to all the technologies that are globally available and tested within the Antolin portfolio. As you all know, that we have already signed a long-term TLA, which is a complete licensing agreement. All the technologies are seamlessly available to us and **we'll be probably amongst the frontrunners to introduce some of those technologies which have been time-tested elsewhere in the globe in India with Indian customers.**

SPR Call-1QFY27”

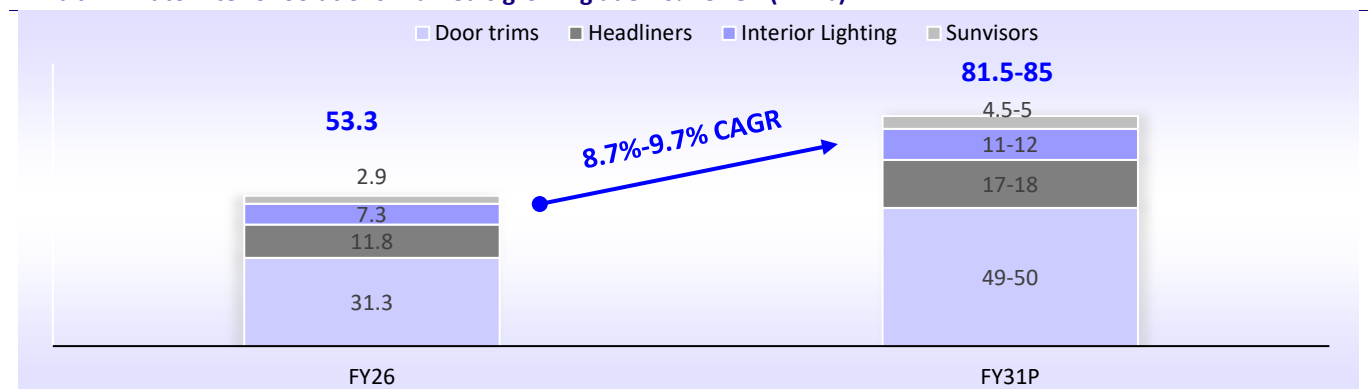
- b. **Antolin operates as a Tier-1 system integrator**, delivering fully assembled modules (e.g., headliners with integrated air vents, lighting, handles, and other components) directly to OEMs, rather than supplying just individual parts.
- c. Through a long-term technology licensing agreement with Antolin, SPR gains access to these global technologies, best practices, and engineering expertise, with no territorial or customer restrictions across India.
- d. **While all segments offer meaningful premiumization opportunities, ambient lighting is expected to be the fastest-growing segment, driven by increasing adoption and high technological complexity.** The company focuses specifically on ambient lighting, touch panels, and capacitive systems—avoiding commoditized LED manufacturing—where products require specialized over-molding and deep OEM co-design to meet vehicle-specific requirements.
- e. **The acquisition provides SPR with immediate access to interior solutions for leading OEMs, including Tata Motors, Mahindra & Mahindra, Volkswagen India, Hyundai, and Renault.** Note: Antolin's existing Krishna Maruti JV, supplying headliners for Maruti in North India (due to proximity requirements for quality and finish), is not a part of this deal. **However, there are no territorial or customer restrictions; the company is free to compete for business with any OEM across India. Additionally, we believe that Krishna Maruti JV is not the sole supplier to Maruti, and hence, there is a high probability for Antolin to gain Maruti as a customer in the future- providing an opportunity for significant revenue growth for SPR.**

SPR's Antolin business is estimated to be operating at an annualized revenue run rate of ~INR13b, with ~13% EBITDA margins and mid to high single digit ROCE (due to goodwill of INR11b on acquisition). **We believe current utilizations remain at only ~60-65%, implying potential to scale up revenue to ~INR20b without much growth capex, with 18-20% EBITDA margins at peak utilization, implying 18% ROCE.**

We have estimated 15% revenue CAGR for Antolin business (vs. 8-10% CAGR for the industry), driven by industry outperformance of its key customers, TMPV and M&M (estimated to contribute to over 40% of revenue), an increase in SOB with customers across product verticals, new product introductions and the addition of new customers. **Consequently, the key trigger for Antolin remains sharp margin expansion with limited requirement for growth capex (*margins have already improved from 6.7% in FY25 to estimated ~13% annualized in 1QFY27*). Significant value unlocking is expected through scale, localization, overhead rationalization, and operational synergies, driving further margin expansion and improvement in ROCE without meaningful incremental capex, given the India business is largely self-sufficient.** Key competitors are IAC, Supreme (unlisted co) , Faurecia, and Krishna Maruti JV- **however, given the market leadership position in key products, diversified product portfolio, strong customer relationships and Antolin R&D partnerships, we believe that SPR is well positioned to gain further market share across product verticals.**

We believe current utilizations remain at only ~60-65%, implying potential to scale up revenue to ~INR20b without much growth capex, with 18-20% EBITDA margins at peak utilization, implying 18% ROCE.

**Exhibit 22: Auto Interior Solutions Market is growing at 8-10% CAGR (INR b)**



Source: Company

“TGPEL Acquisition Concall- Our focus between the two companies (Takahata and TGPEL) put together would always remain to have at least anywhere between 20% to 30% of the market being addressed beyond automotive, and at least 70% of the market being addressed by automotive to retain our margins as well as retain our lead positions that we have with the synergies that we can bring on the table.”

2. **Takahata + TGPEL acquisitions:** SPR, through its wholly owned subsidiary, SEL, has strategically acquired a 62% stake in Takahata Precision India (TPI) in Oct'23 (38% held by Takahata Japan) and has acquired 100% of TGPEL Precision Engineering (formerly Timex Group Precision Engineering) in Dec'24. These acquisitions expand SPR's footprint into high-precision plastic injection-molded parts and provide a diverse range of products across automotive, EV, electrical, consumer goods, and medical sectors. Takahata operates a state-of-the-art Neemrana facility, with expansion underway on an adjacent land parcel, enabling production of larger components using higher tonnage machines. TGPEL has two advanced Noida facilities and both companies put together have **over 250-300 machines, spanning 80 tons to 350+ tons**, offering flexibility across high-volume and low-volume lines.

#### Key USP:

- a. **SPR's acquisitions of Takahata and TGPEL significantly expand its product portfolio into high-precision, technology-intensive plastic components across automotive and non-automotive segments (estimated 90% automotive).** Takahata specializes in components for steering, seat belts, airbags, braking systems, trim, rooftops, chain drive systems, and advanced 2K (multi-material) components for A/B pillars and EV assemblies, while TGPEL supplies connectors, fuse boxes, air vent components, CRB housings, clamps, speaker grills, manifolds, specialty plastic gears, and medical/electrical components. Importantly, these are precision plastic parts or sub-components, not full assemblies, forming critical inputs into larger systems. **Both companies operate with ~90% localization and leverage technical collaborations to deliver high-precision, ICE-agnostic, and EV-ready solutions.** Both companies deliberately avoid commoditized, mass-market components; instead, they are focusing on high-technology, high-margin niche products while expanding into non-automotive segments such as medical devices, industrial components, and electrical applications—further diversifying revenue streams.
- b. **In an estimated market size of INR50b, both these entities combined command an estimated ~10% market share**, with further expansion planned (**management is targeting 20-30% market share in the medium term**). The portfolio is structurally diversified, with only ~15-20% of products still ICE-specific, while EV-driven opportunities are increasing through metal-to-plastic

“So, many of the OEM requirements that SPR supplies directly also have aftermarket requirements, which are networked through our existing SPR’s aftermarket, which is complementary to the business that we have in all the other subsidiaries. SPR Call”

substitution in ECU housings, fuse boxes, charger components, and other precision systems requiring high-dimensional accuracy and thermal stability.

- c. **There is minimal product overlap between Takahata and TGPEL, creating a highly complementary portfolio.** Product allocation is complementary, with different parts awarded to different suppliers, minimizing internal competition between Takahata and TGPEL.
- d. Takahata serves leading global OEMs and Tier-1 suppliers such as Toyota Group companies, Honda, Suzuki, Denso, Aisin, and other Japanese OEM ecosystems, while TGPEL brings in a strong and diversified customer base, including Denso, Asahi India Glass, Continental, Motherson, Havells, Dabur, Kohler, Gillette, Schaeffler, and Nidec, among others. **Customer overlap between the two is limited, enhancing SPR’s overall reach while maintaining diversification across industries and geographies.**
- e. A key capability across both companies is precision injection molding, excluding low-tech processes like blow molding, with expertise in insert molding (including metal insert molding), multi-material 2K/3K molding, and ultra-thin wall components (0.5–1 mm). Advanced process controls such as vacuum systems, temperature stability, and tight tolerance management enable lightweight, high-strength, and thermally stable components. Most molds (~90%) are custom-developed in-house, with ownership typically retained by customers, with mold costs either paid upfront or amortized into component pricing.
- f. Despite low lead times (*General lead times range from 8-12 weeks for simpler parts to up to eight months for complex, highly validated automotive components following full validation processes*), the business benefits from customer stickiness, as OEMs typically rely on a single supplier per part due to high mold costs and validation complexity. It is economically unviable for OEMs to duplicate mold investments across multiple suppliers, leading to long-term relationships and predictable demand. Molds contribute 15-20% of revenue, while components contribute ~80%, reflecting SPR’s technology-driven approach.
- g. Precision plastic parts generally do not have a direct aftermarket, though SPR’s existing SPR distribution network could be leveraged selectively for aftermarket opportunities.

In FY26, both businesses combined achieved revenue of INR4.8b at ~20% EBITDA margins. We expect the businesses to clock a 14% CAGR, driven by higher OEM offtake, rapidly evolving technologies (anti-skid breaking systems, etc.), new business wins, new customer additions (leveraging the existing customer base to target non-Japanese customers), and entry into new product lines like white goods, medical equipment and stationery parts, while maintaining stable margins. Key competitors include IAC and Faurecia Group.

3. **EMF Innovations:** SPR, via its wholly-owned subsidiary SPR Ingenious (SEL), holds a 73% stake in EMFi Innovations (**invested ~INR2b till date**), a technology-driven EV company (founded in 2015) leveraging EMFi’s technological capabilities (with technical **partnerships with GLE Motors, China for PMSM mid-drive motors & controllers and Lingbo Controllers, China for hub motor and controllers**) and India’s manufacturing ecosystem to supply localized, cost-

EMFI: Management targets to reach the ~INR5b revenue mark in three years.

effective motors and controllers for 2W, 3W, PV, LCV, HCV, and off-highway applications. SPR has scaled up its Coimbatore facility with an eight-acre plant to produce ~0.5m motors/controllers initially (with plans to scale up to 20m 2W motors and 4-4.5m car motors/controllers), catering to all EV segments (with fungible lines). The facility supports a wide range of technologies, including hub (250W–30 kW), mid-drive (7-300 kW), synchronous, switch-reluctance, ferrite/rare-earth-free, and high-torque commercial motors. EMFi contributes 2% of revenue.

SPR EMF is emerging as one of India's top three integrated motor-controller suppliers, well-positioned to capture structural EV growth. India's 2W EV market alone is expected to require ~10m motors and controllers over the next decade vs. current domestic production of <1.5m, a ~10x opportunity. SPR EMF has grown ~5x YoY (on a low base). **Management targets to reach the ~INR5b revenue mark in three years.** However, as the industry is nascent with multiple new entrants, we conservatively estimate revenue to reach INR3b, contributing to ~4% consolidated revenue in FY29E. Key competitors are Sona BLW, Minda Group, Bosch, and Fiem.

**Exhibit 23: SPR EMF's diversified product portfolio**

| Product                       | Models / Sizes                                                         | Voltage Range                                                                                                              | Power Range                                                                    | Vehicle Segments                                            |
|-------------------------------|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-------------------------------------------------------------|
| Hub Motor (BLDC)              | 17", 12", 10", 6", 5" wheel sizes; spoke-rim & alloy-rim variants      | 36V – 96V (low speed); front or rear wheel mountable; shaft customizable per OEM needs                                     | 250W – 3kW                                                                     | E-cycle, low-speed e-scooter, e-rickshaw, 2W & 3W low-speed |
| Mid-Drive / Inner Rotor Motor | Inner rotor PMSM & SRM; differential drive configuration; custom shaft | 48V – 800V (full spectrum: low-voltage 2W/3W through HV passenger & commercial)                                            | 1kW – 300kW                                                                    | High-speed 2W, 3W cargo, passenger vehicles, LCV, CV, bus   |
| Motor Controller (MCU)        | Matched to each motor model, in-house design; CAN-bus compatible       | Co-designed with motor — SPR EMFi is self-described as India's first to offer motor+controller as a paired system solution | Regenerative braking, power management, safety protocols, customizable per OEM | All segments; matches corresponding motor voltage class     |

Source: Company, MOFSL

Incremental to the above initiatives, **the company has completed a QIP of INR10b in Aug 2026 to finance further organic and inorganic objectives.**

**Exhibit 24: Powertrain-agnostic acquisitions with strong scaling potential**

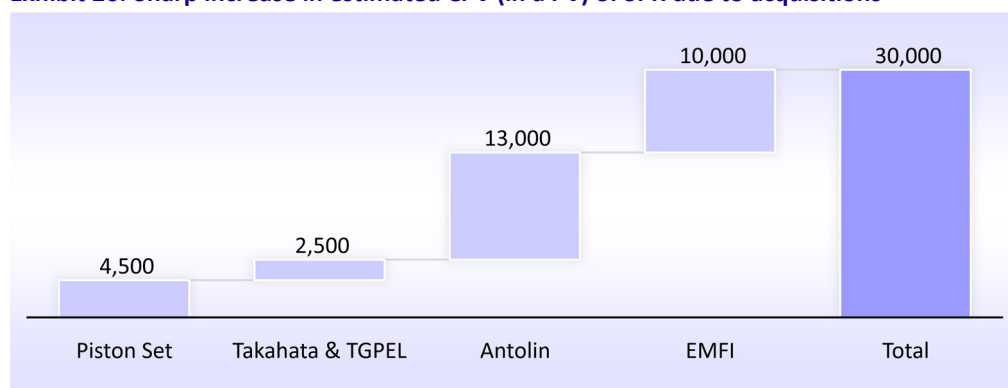
| Companies                                      | EMF Innovations                                                                                                          | Takahata                                                                                                                                   | TGPEL                                                                                                           | Antolin                                                             |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| Acquisition Timeline                           | 51% in Jan-23<br>66.42% in Mar-24<br>72.58% in Sep-25                                                                    | 62% in Oct-23 (Balance 13% stake to be acquired subject to fulfillment of certain conditions)                                              | 100% in Dec-24                                                                                                  | 100% in Jan 2026                                                    |
| Seller                                         | EMFI Innovations Pte Ltd                                                                                                 | Takahata Group, Japan                                                                                                                      | 30% from Asahi India Glass, 30% from Padmini VNA Mechatronics, 20% from Kapil Kapoor, 20% from Mookerjee family | Antolin, Spain                                                      |
| Reason for Sale by Seller                      | Access to Indian customers                                                                                               | Expand its business by collaborating with a strong local partner like SPR                                                                  | Exit from Non-Core business for Asahi                                                                           | Debt Reduction. Antolin's global Net Debt/EBITDA is at 3x           |
| Via                                            | via 100% subsidiary- SPR Engenious Limited ("SEL")                                                                       | via 100% subsidiary- SPR Engenious Limited ("SEL")                                                                                         | via 100% subsidiary- SPR Engenious Limited ("SEL")                                                              | Direct Subsidiary                                                   |
| Products Manufactured                          | EV Motors & Controllers                                                                                                  | High precision injection molding plastic, rubber and metal products                                                                        | High precision injection molding components                                                                     | Automotive interior lighting systems and other components           |
| Sector Presence                                | 100% automotive (EV)                                                                                                     | ~90% Auto, ~10% Industrial                                                                                                                 | 100% Automotive                                                                                                 |                                                                     |
| Presence within Automotive                     | 2W, 3W, PV & CV                                                                                                          | 2W, 3W, PV, CV & Tractors                                                                                                                  | 2W, 3W, PV, CV & Tractors                                                                                       | PV                                                                  |
| Plant Locations                                | Coimbatore, Tamil Nadu                                                                                                   | Neemrana , Rajasthan                                                                                                                       | 2 facilities in Noida, UP                                                                                       | 5 facilities in Chakan (2), Pune (2) and Chennai (1)                |
| Year of commencement of manufacturing          | 2020                                                                                                                     | 2010                                                                                                                                       | 2008                                                                                                            | 1996                                                                |
| Key Customers                                  |                                                                                                                          | Maruti, Toyota, Mitsubishi, Honda, Astemo, Koito, Denso, Aisin, etc.                                                                       | Denso, Schaeffler, Asahi, Hero Nippon, Havells, Gillette                                                        | Tata Motors, M&M, Toyota, Hyundai, Volkswagen, Isuzu, Renault, etc. |
|                                                | 100% Auto OEM                                                                                                            | Mainly Ancillaries. But sells to OEM also                                                                                                  | Mainly Ancillaries. But sells to OEM also                                                                       | 100% Auto OEM (majority is PV)                                      |
| Current Estimated OEM/Anc: AM: Exports Mix (%) | 100:0:0                                                                                                                  | 100:0:0                                                                                                                                    | 100:0:0                                                                                                         | 99:0:1                                                              |
| AM opportunity                                 | Limited. Majority of the products lasts for the life cycle of the vehicle                                                |                                                                                                                                            |                                                                                                                 |                                                                     |
| Export Opportunity                             | Limited. The partnership with the respective companies are limited to India. However, it differs on a case-to-case basis |                                                                                                                                            |                                                                                                                 |                                                                     |
| Estimated CPV (INR)                            | 10,000                                                                                                                   | 2,500                                                                                                                                      | 13,000                                                                                                          |                                                                     |
| Estimated Market Share (%)                     | NA                                                                                                                       | 10% market Share                                                                                                                           | ~50% market share                                                                                               |                                                                     |
| <b>Technical Partnership</b>                   | <b>Yes</b>                                                                                                               | <b>Yes</b>                                                                                                                                 | <b>No</b>                                                                                                       | <b>Yes</b>                                                          |
| R&D Centre                                     | Singapore and India                                                                                                      | No (Tech support received from Japan)<br>However, facility is equipped with design and development of molds and inhouse tool manufacturing | UP                                                                                                              | Yes                                                                 |
| Key Peers                                      | Sona BLW, Minda group, Bosch, Fiem.                                                                                      |                                                                                                                                            | IAC, Faurecia, Krishna Maruti JV                                                                                |                                                                     |

Source: Company, MOFSL

**Exhibit 25: Value-accretive acquisitions undertaken by SPR**

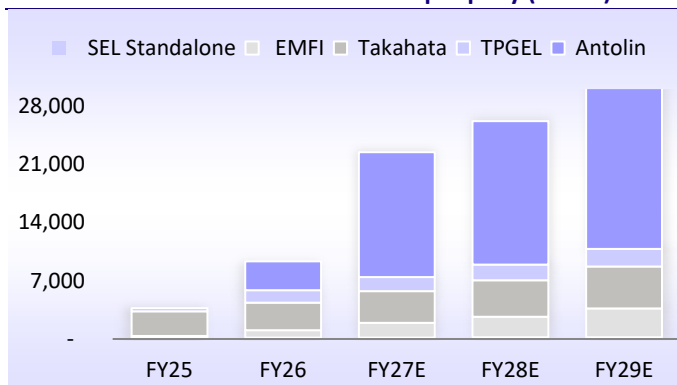
| Companies                                           | EMF Innovations                  |       | Takahata                  |       | TGPEL                     |       | Antolin                   |                              |
|-----------------------------------------------------|----------------------------------|-------|---------------------------|-------|---------------------------|-------|---------------------------|------------------------------|
| Key Financials (INR m)                              | During Acquisition (FY23)        | FY26  | During Acquisition (FY23) | FY26  | During Acquisition (FY25) | FY26  | During Acquisition (FY26) | Current Run rate (Estimated) |
| Revenue                                             | 229                              | 881   | 2,044                     | 3,322 | 1,293                     | 1,501 | 13,139                    | 14,000                       |
| EBITDA                                              | -43                              | 11    | 394                       | 549   | 250                       | 413   | 483                       | 1,820                        |
| EBITDA Margin (%)                                   | -18.6                            | 1.2   | 19.3                      | 16.5  | 19.4                      | 27.5  | 3.7                       | 13%                          |
| EBIT                                                | -62                              | -23   | 77                        | 422   | 213                       | 373   | 151                       | 1,488                        |
| EBIT Margin (%)                                     | -27.0                            | -2.6  | 3.8                       | 12.7  | 16.5                      | 24.9  | 1.1                       | 10.6                         |
| PAT                                                 | -53                              | 17    | -89                       | 290   | 162                       | 281   | 87                        | 840                          |
| Core Capital Employed                               | 222                              | 1,068 | 1,764                     | 1,951 | 861                       | 899   | 3,158                     | 16,700                       |
| Core Business ROCE (%)                              | -28%                             | -2%   | 4%                        | 22%   | 25%                       | 42%   | 5%                        | 9%                           |
| Current Stake (%)                                   | 73%                              |       | 62%                       |       | 100%                      |       | 100%                      |                              |
| Mode of Consideration                               | Cash                             |       | Cash                      |       | Cash                      |       | Cash                      |                              |
| <b>Cost of Acquisition for Current Equity Stake</b> | <b>1,980</b>                     |       | <b>1,800</b>              |       | <b>2,200</b>              |       | <b>16,700</b>             |                              |
| EV of the entire business                           | 1,433                            | 2,826 | 2,933                     | 3,121 | 2,200                     | 2,238 | 16,700                    | 16,700                       |
| EV/EBITDA (x)                                       | -                                | -     | 7.5                       | 5.7   | 12.5                      | 5.4   | -                         | 9.2                          |
| <b>Value Accretive</b>                              | <b>Yes (In turnaround phase)</b> |       | <b>Yes</b>                |       | <b>Yes</b>                |       | <b>Yes</b>                |                              |

Source: Company, MOFSL

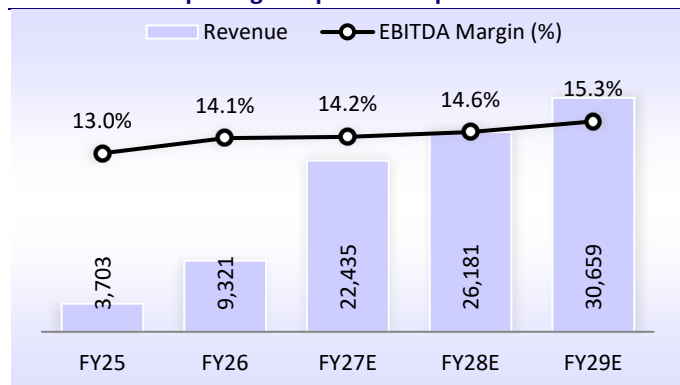
**Exhibit 26: Sharp increase in estimated CPV (in a PV) of SPR due to acquisitions**


Note: We have conservatively assumed Rs 10k as CPV for EMFI in PV.

Source: Company, MOFSL

**Exhibit 27: Subsidiaries to be scaled up rapidly (INR m)**


Source: Company, MOFSL

**Exhibit 28: Sharp margin expansion expected in subsidiaries**


Source: Company, MOFSL

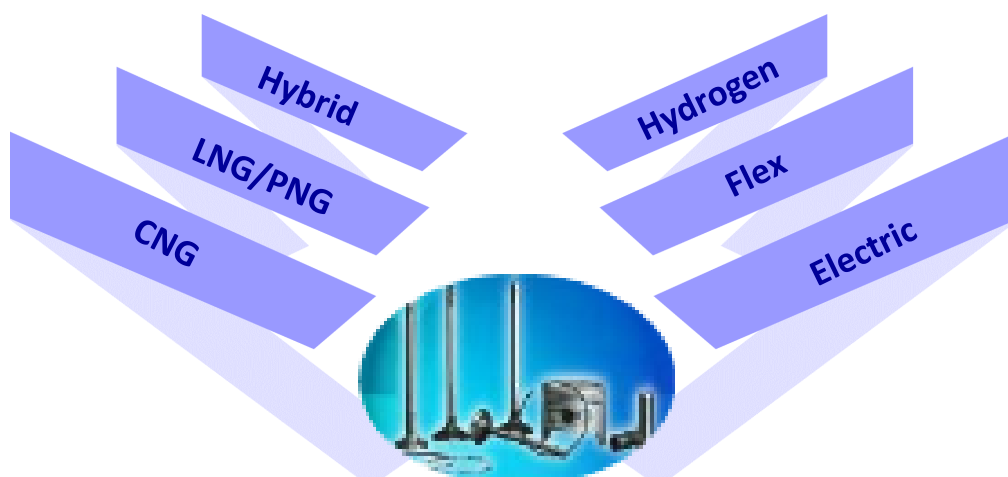
## Well diversified across multiple dimensions

- The company benefits from a highly diversified business model across products, applications, customers, vehicle segments, channels, and geographies, significantly reducing concentration risk. Its portfolio spans multiple precision plastic and component applications such as steering, braking, gearing, seatbelts, trims, and headlamp systems, most of which are powertrain-agnostic and relevant across both ICE and EV platforms. No single vehicle segment or customer contributes materially to revenue, reflecting balanced exposure across 2W, 3W, PV, CV, tractors, and virtually all major OEMs. Additionally, the company maintains a healthy mix across OEMs, aftermarket, exports, and non-automotive businesses, while exports are also geographically diversified with limited dependence on any single region.

The company offers solutions across all powertrains.

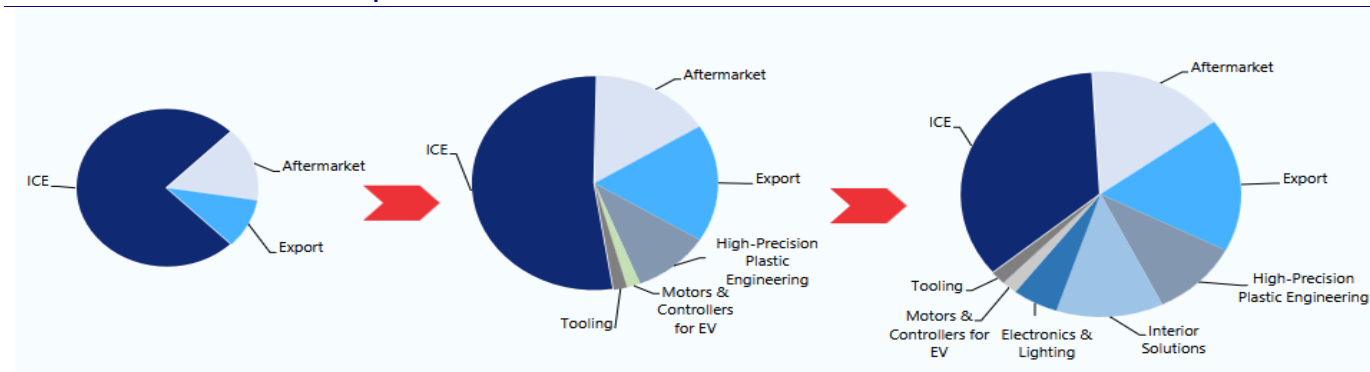
- **Broad product & application diversification:** The pistons business offers solutions across powertrains – ICE, ethanol, CNG, hybrid, hydrogen, etc. The plastics and components portfolio spans steering, braking, gearing, seat belts, trims, headlamp systems, and other precision applications, with no concentration in any single use case. These are high-precision, injection-molded components that are largely powertrain-agnostic, supporting both ICE and EV platforms.

**Exhibit 29: Offering solutions across powertrain**



Source: Company

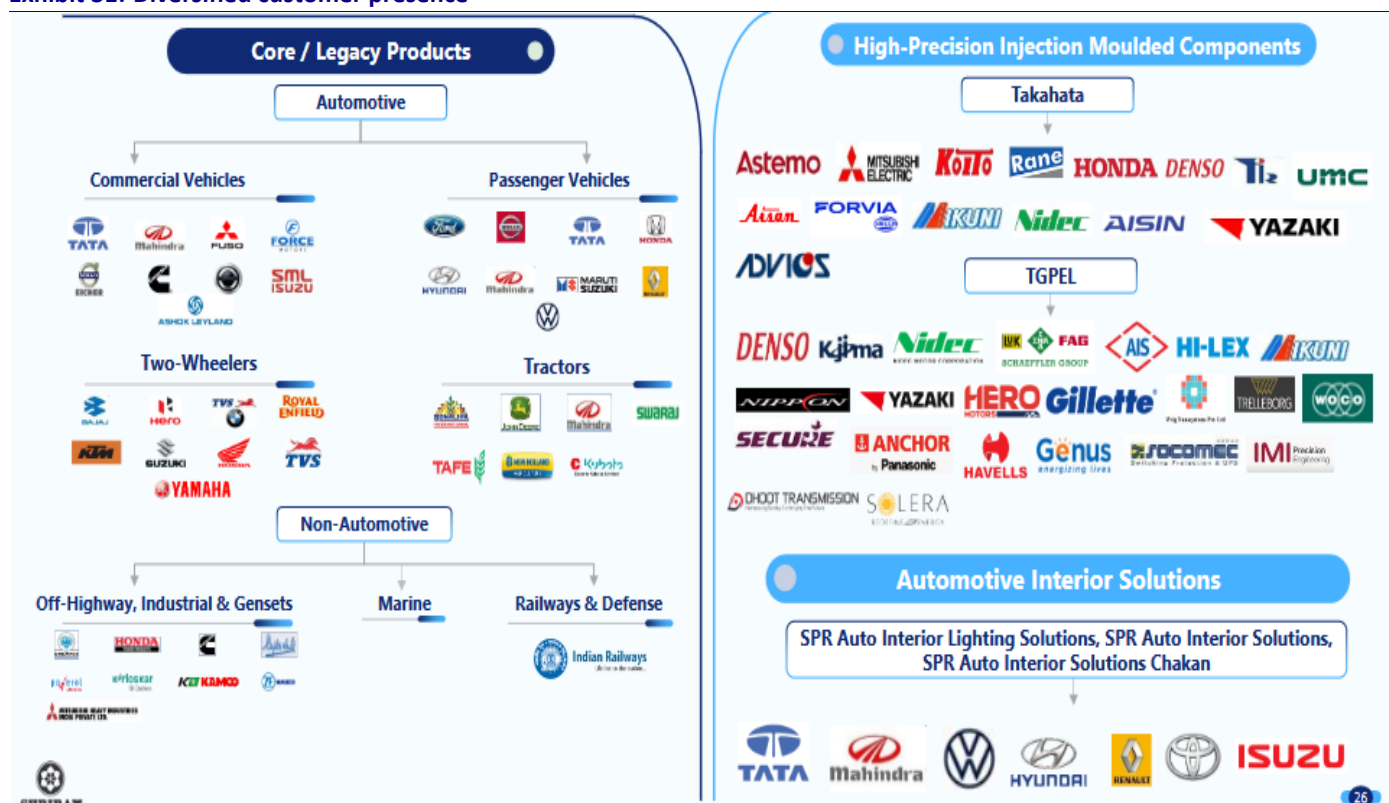
**Exhibit 30: Focus on a diversified product mix**



Source: Company

- **Balanced segment exposure:** The company has presence across vehicle segment - 2W, 3W, PV, CV, tractors in the standalone business. However, subsidiaries are largely exposed to PVs.
- **Strong customer diversification:** The company does not have any major customer concentration, with presence across virtually all major OEMs, ensuring balanced exposure and reducing dependency risk across both standalone and subsidiary businesses.

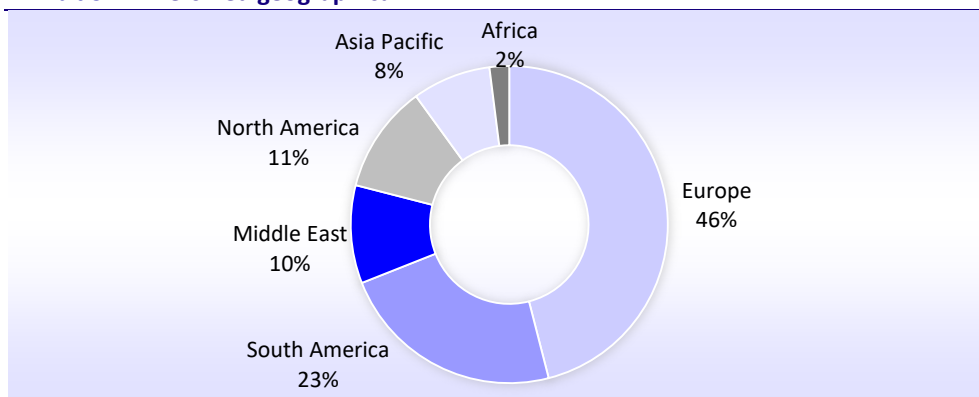
Exhibit 31: Diversified customer presence



Source: Company, MOFSL

- **Multi-channel diversification:** The company maintains a balanced mix across OEM, aftermarket, exports, and non-automotive segments.
- **Geographical diversification in the export market:** The company does not have much concentration in exports as well.

Exhibit 32: Diversified geographical mix



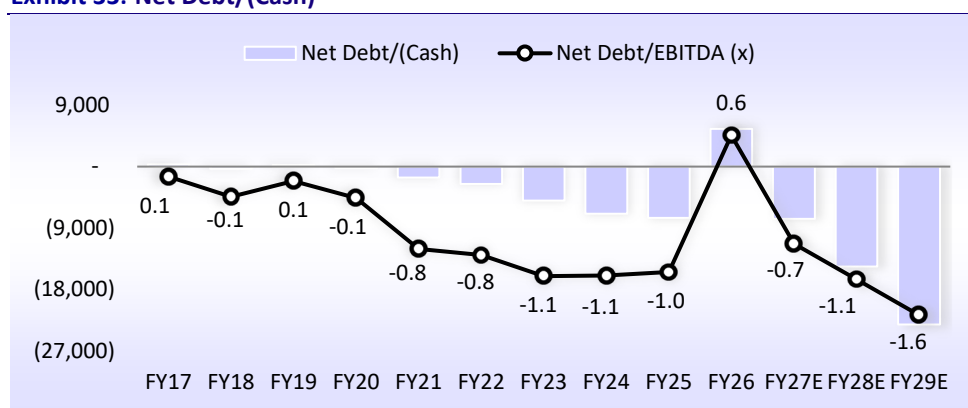
Source: Company, MOFSL

## Lean and clean balance sheet

The business benefits from a lean working capital cycle (~63 days) and strong return ratios (~20% consolidated core RoCE), driven by efficient capital deployment. Cash flow conversion remains healthy (10-year net CFO/EBITDA ~80%, FCF/PAT ~57%). Consistent dividend payouts highlight cash flow visibility and capital discipline. Overall, the financial profile provides resilience across cycles while supporting expansion into new segments.

**Lean balance sheet:** SPR has been at a net cash status for the last decade. However, due to the Antolin acquisition, the company had taken debt on its books, which is expected to be repaid and the company is expected to regain its net cash status by FY27E.

**Exhibit 33: Net Debt/(Cash)**



Source: Company, MOFSL

**Minimal capital dilution:** The majority of net worth is generated from internal accruals. Additionally, there is no pledge of shares.

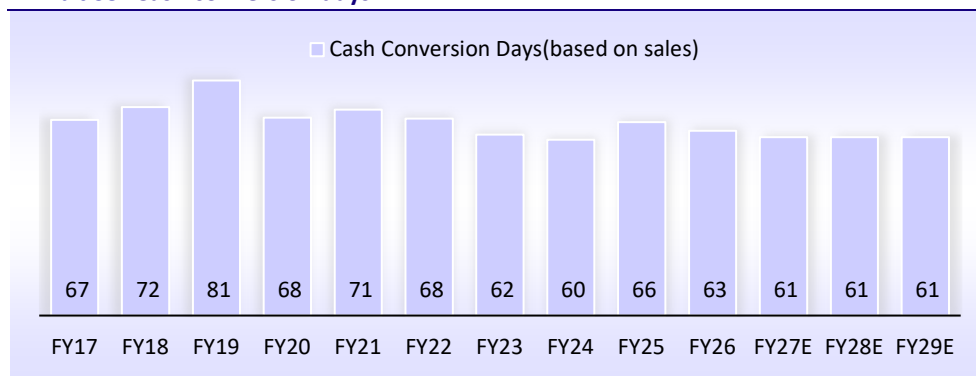
**Exhibit 34: No capital dilution in the last two decades**

| Years | Share Capital (INR m) | Remarks                                |
|-------|-----------------------|----------------------------------------|
| FY01  | 224                   |                                        |
| FY21  | 224                   |                                        |
| FY22  | 220                   | ❖ Buyback (3.5 lac shares @ INR 1,020) |
| FY24  | 441                   | ❖ Bonus @ 1:1                          |
| FY26  | 441                   |                                        |
| FY27E | 464                   | ❖ QIP of INR 10bn                      |

Source: Company, MOFSL

**Lean working capital cycle:** Both debtors and inventory have remained at an average of 60 days for the last decade, reflecting disciplined working capital management.

**Exhibit 35: Cash conversion days**

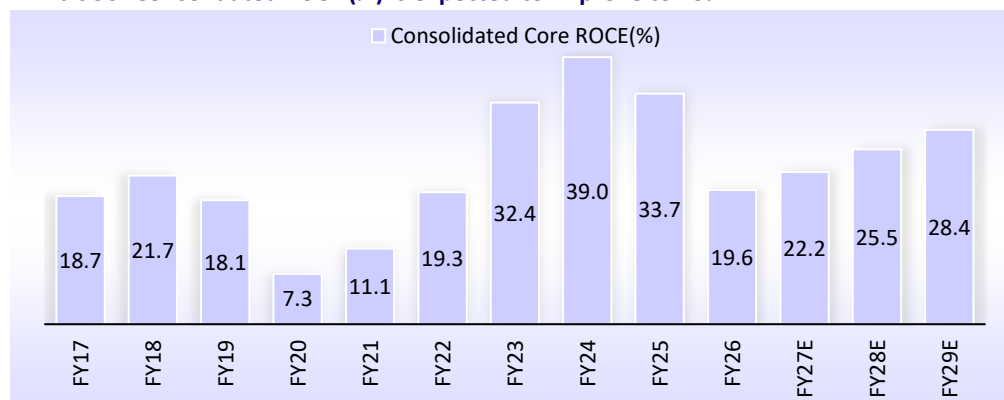


Source: Company, MOFSL

Company has industry best return ratios in Pistons. Non Pistons return ratios to improve gradually as the business scales up.

**High return ratios:** Strong RoCE/RoE indicate efficient capital deployment in the core piston business, driven by asset turns and strict operating discipline. This provides a solid base as new segments scale up.

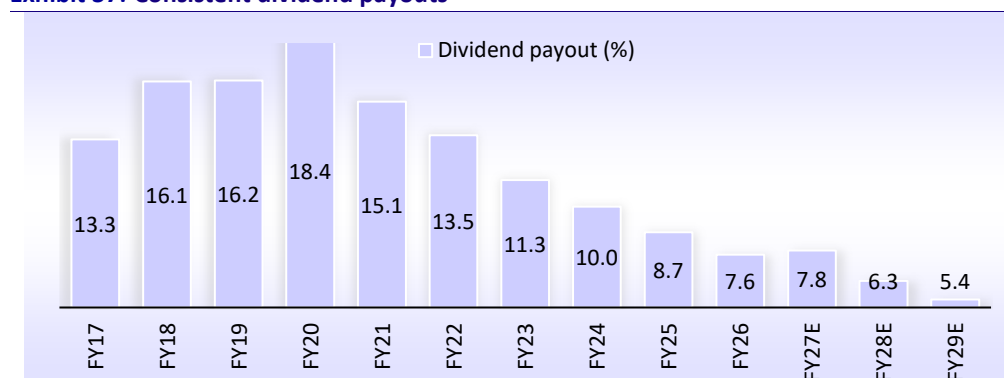
**Exhibit 36: Consolidated RoCE (%) is expected to improve to 25%+**



Source: Company, MOFSL

**Consistent dividend payouts:** A steady dividend track record signals cash flow visibility and management's commitment to shareholder returns, even while investing in new businesses. It reflects confidence in the sustainability of core operations.

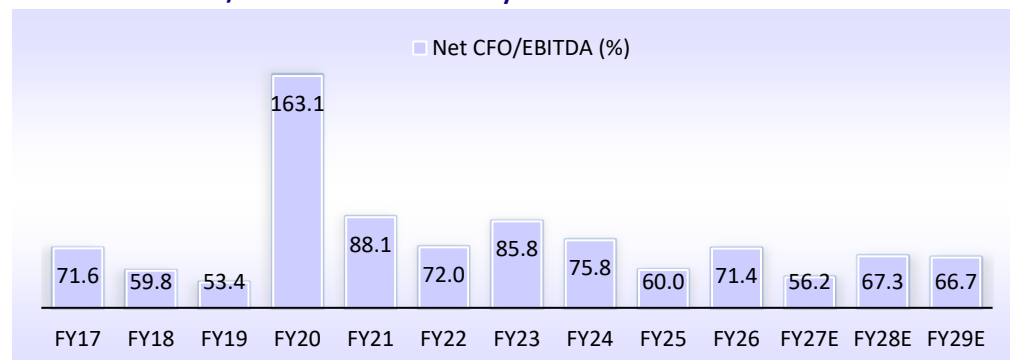
**Exhibit 37: Consistent dividend payouts**



Source: Company, MOFSL

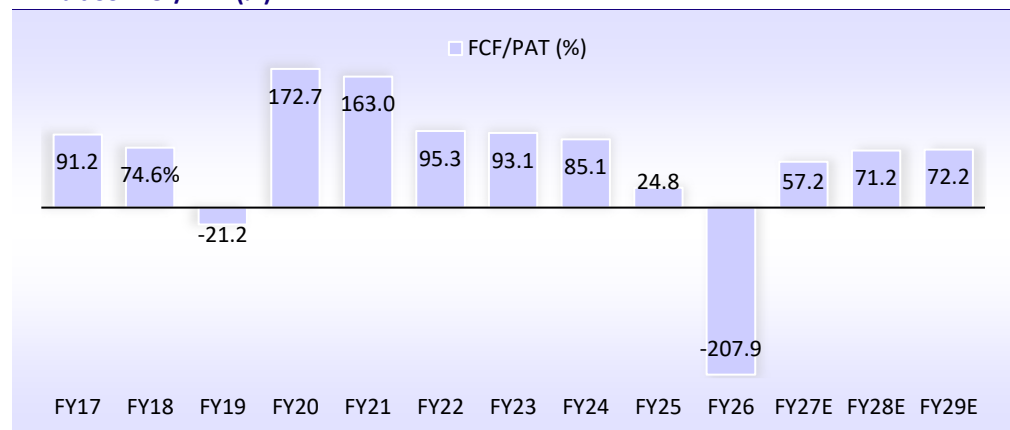
**Strong cash flow conversion:** Healthy operating cash flows and conversion ratios reflect low working capital intensity and stable profitability. Avg Net CFO/EBITDA is at 80%, and FCF/PAT is at 57% for the last decade.

**Exhibit 38: Net CFO/EBITDA to remain steady**



Source: Company, MOFSL

**Exhibit 39: FCF/PAT (%)**

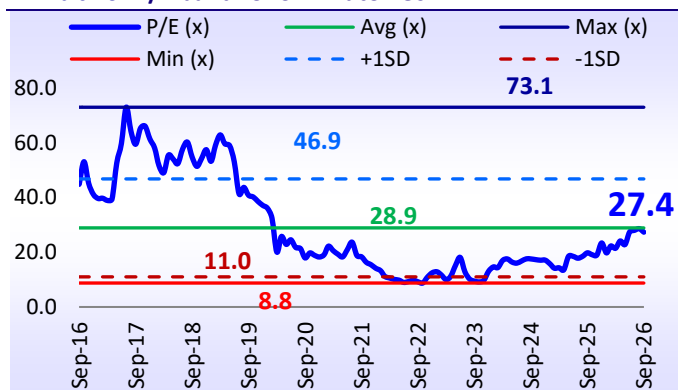


Source: Company, MOFSL

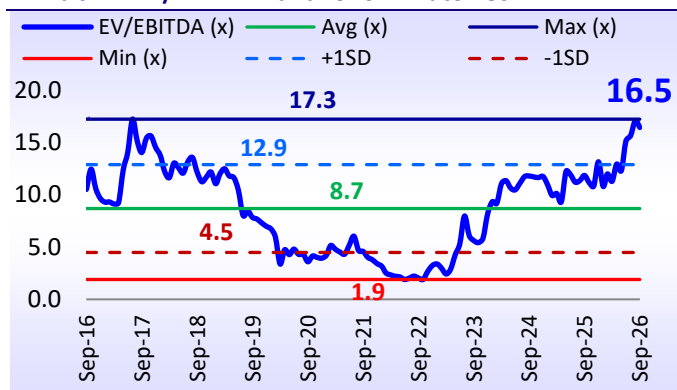
## Valuation and view

- SPR is transforming itself from a traditional piston manufacturer into a diversified, technology-driven, powertrain-agnostic mobility platform through strategic inorganic acquisitions. Its piston business remains a strong cash cow business with market leadership, ~500bp higher margins than next peer, and 50%+ core RoCE, benefiting from rising multi-fuel opportunities (CNG, ethanol, hydrogen, hybrids), strong aftermarket demand, and global competitors exiting the ICE ecosystem prematurely. Leveraging this strong balance sheet and cash flow profile, SPR is reinvesting into acquisitions such as Antolin, Takahata, TGPEL, and EMFi, which diversify the company's precision plastic-molding components and expand the CPV by ~6x to Rs 30k+ per vehicle- creating a scalable auto component platform with balanced exposure across all powertrains.
- We estimate a 21% PAT CAGR driven by a stable standalone business and rapid scaling up of subsidiaries. The balance sheet is expected to improve gradually from the FY26 base due to a sharp improvement in margins of subsidiaries with limited further growth capex. Consolidated core business ROCE is expected to improve from 20% in FY26 to 28% in FY29E. At CMP of INR4,494, the stock is trading at 23.7x FY28E and 20.4x FY29E earnings. We initiate coverage on SPR with a BUY rating and a TP of INR 6,150, premised on 30x Sept 28E earnings. Additionally, the company has recently completed INR10b QIP to fund future organic and inorganic growth opportunities, which could act as a key trigger for further upside.

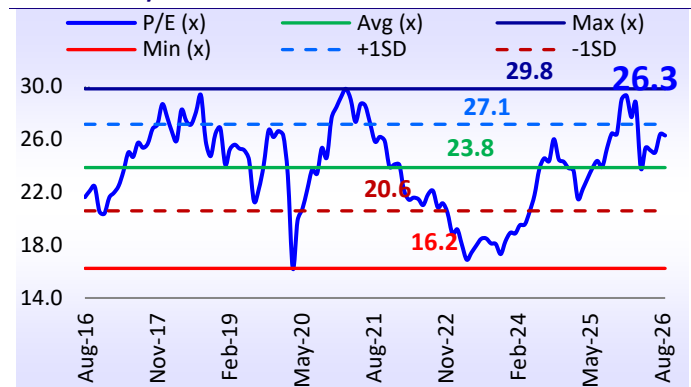
**Exhibit 40: P/E band for SPR Auto Tech**



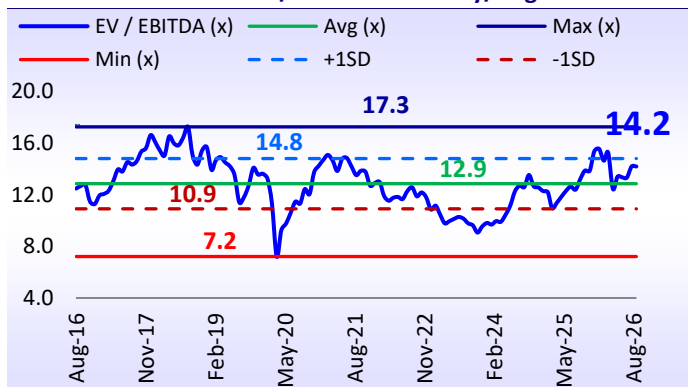
**Exhibit 41: EV/EBITDA Band for SPR Auto Tech**



**Exhibit 42: P/E band for Automobile sector**



**Exhibit 43: Auto sector P/E relative to Nifty/Avg**



## Key risks

- **Rise in competitive intensity:** Increasing competition from domestic and global suppliers can pressure pricing, margins, and market share in OEM and aftermarket segments.
- **Material fluctuations in commodity prices:** Volatility in input costs (steel, aluminum, rubber) or energy costs can impact margins, especially where pass-through mechanisms are delayed or limited.
- **Changes in technology:** Rapid shifts toward EVs, advanced materials, and new suspension technologies can render existing products less competitive without timely innovation.
- **Loss of key customers:** High dependence on customers such as HMCL, MSIL, TMPV, M&M, and a few other OEMs means loss or slowdown from a major client can materially impact revenues and capacity utilization.

## Company overview

Incorporated in 1972 (as Shama Pistons in 1963), SPR is India's leading manufacturer of pistons, piston rings, engine valves, piston pins, and allied engine components for the automotive industry. The company caters to domestic OEMs, exports to more than 30 countries, and has a strong aftermarket presence with over 1,200 touchpoints across India. **Its products are marketed under the well-recognized SPR and Usha brands, both domestically and globally.**

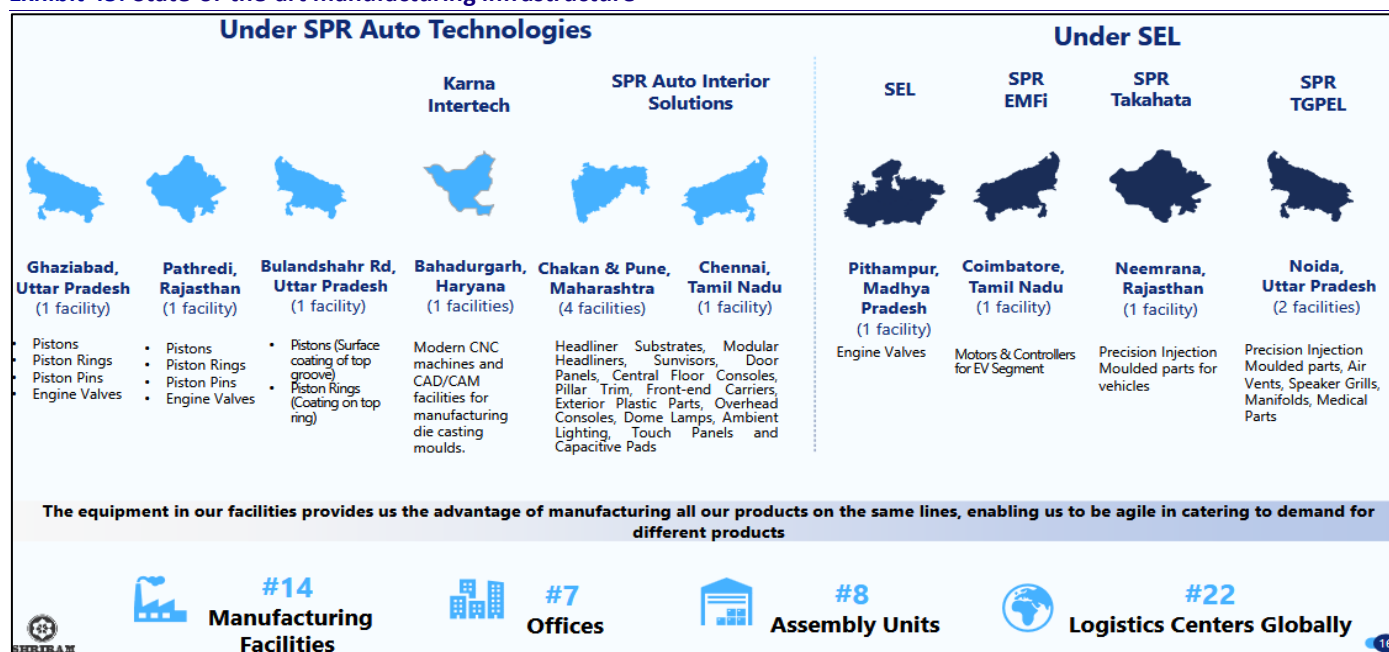
Over the years, SPR has also expanded beyond conventional engine components through strategic acquisitions and partnerships. The company entered the plastic molding business through the acquisitions of TGPEL and Takahata Precision India. Further, the acquisition of a majority stake in Antolin India expanded SPR's product portfolio into automotive interior systems and components, diversifying the business beyond powertrain-focused products while increasing content-per-vehicle opportunities. Through EMFI, the company also entered the EV segment, enhancing its capabilities in emission and fuel efficiency-related technologies.

**Exhibit 44: SPR's diversified product portfolio**



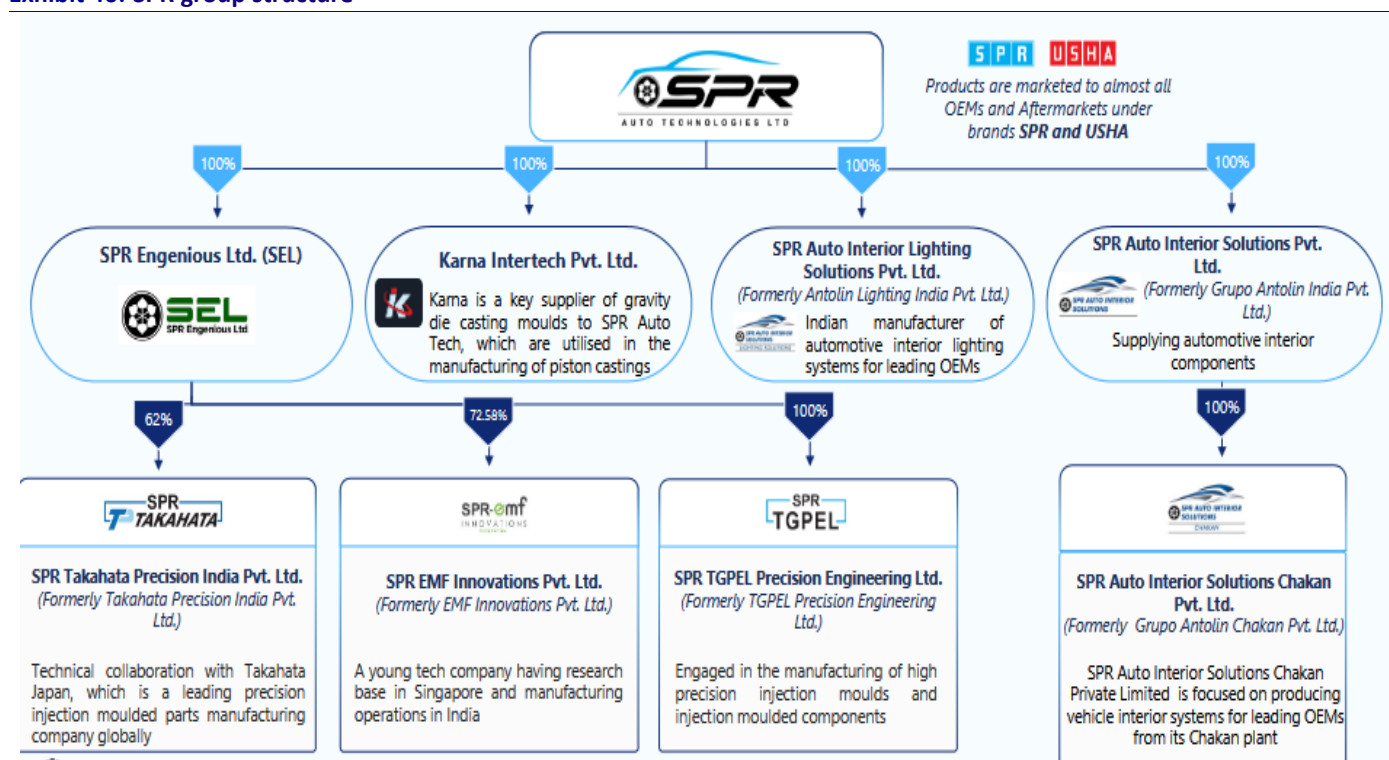
Source: Company

**Exhibit 45: State-of-the-art manufacturing infrastructure**



Source: Company

**Exhibit 46: SPR group structure**



Source: Company

## ESG INITIATIVES



### Environment

- 21% of total energy is from renewables
- 100% used water is recycled (ZLD)
- 98% reduction in waste to landfill over base year 2021-22
- 9% reduction in energy consumption
- 20% reduction in scope 1+2 emissions
- 8% reduction in water intensity
- Promoting circular economy by reusing scrap and minimizing waste
- Elimination of wooden pallets & recycling of packaging material

### Social

- Improvements in the attrition rate
- #2 days trainings on average per employee
- Skill & competency upgradation programs for employees
- Plants are ISO-45001 certified for health & safety
- "Sword of Honour" by the British Safety Council
- #3 Lost Time Accident (LTA) at plants
- 200% water positive by rainwater harvesting projects in nearby villages
- Focused efforts to improve Health, Hygiene/Sanitation, etc.

### Governance

- Voluntary disclosure of BRSR
- Strong commitment of the Board to good corporate governance
- Golden Peacock Award for good corporate governance
- Policy framework on BRSR
- Adoption of Human Rights policy
- Inclusion of ESG in EHS policy
- Anti-corruption and no bribery policy
- Code of conduct & ethics
- No child labor
- Freedom of association
- Equal & fair treatment practices
- Supply chain: Preference given to local & MSME vendors for procurement

## BULL AND BEAR CASES



### Bull Case

- ✓ In our bull case scenario, we assume a ~24.4% revenue CAGR over FY26-29E vs. ~20.7% in our base case. We expect stronger revenue growth driven by faster than expected growth primarily in new businesses.
- ✓ Driven by better operating leverage, we expect EBITDA margin to improve to 19.2% by FY29E (30bp higher than our base case).
- ✓ Based on a target P/E multiple of 35x Sep'28E (vs. 30x implied in our base case), we arrive at a bull case TP of INR 8,085 (implying ~80% upside potential).



### Bear Case

- ✓ In our bear case scenario, we assume a ~18.6% revenue CAGR over FY26-29E vs. ~20.7% in our base case. We have moderated growth expectations due to slower than expected ramp up in new businesses.
- ✓ Lower growth is leading to negative operating leverage, and we expect a lower EBITDA margin of ~17.7% by FY29E (120bp lower than our base case assumption).
- ✓ Based on a lower target P/E multiple of 25x Sep'28E (vs. 30x implied in our base case), we arrive at a bear case TP of INR 4,584 (implying ~2% upside potential).

Exhibit 47: Scenario analysis

| INR m                 | Base   |        |        |              | Bull   |        |        |              | Bear   |        |        |              |
|-----------------------|--------|--------|--------|--------------|--------|--------|--------|--------------|--------|--------|--------|--------------|
|                       | FY26   | FY27E  | FY28E  | FY29E        | FY26   | FY27E  | FY28E  | FY29E        | FY26   | FY27E  | FY28E  | FY29E        |
| Revenue               | 44,587 | 61,888 | 69,554 | 78,347       | 44,587 | 64,982 | 74,729 | 85,939       | 44,587 | 60,031 | 66,076 | 74,430       |
| Gr (%)                | 25.6   | 38.8   | 12.4   | 12.6         | 26     | 45.7   | 15.0   | 15.0         | 26     | 32     | 10     | 10           |
| EBITDA                | 8,758  | 11,078 | 13,007 | 14,808       | 8,758  | 11,892 | 14,199 | 16,500       | 8,758  | 10,505 | 11,629 | 13,174       |
| EBITDA Margin (%)     | 19.6   | 17.9   | 18.7   | 18.9         | 19.6   | 18.3   | 19.0   | 19.2         | 19.6   | 17.5   | 17.6   | 17.7         |
| Dep+Int-OI            | 982    | 2,194  | 1,137  | 987          | 982    | 2,194  | 1,137  | 987          | 982    | 2,194  | 1,137  | 987          |
| Tax rate (%)          | 24     | 25     | 25     | 25           | 24     | 25     | 25     | 25           | 24     | 25     | 25     | 25           |
| PAT                   | 5,796  | 6,513  | 8,781  | 10,229       | 5,796  | 7,274  | 9,796  | 11,635       | 5,796  | 6,234  | 7,869  | 9,140        |
| EPS (INR)             | 131.6  | 140.4  | 189.3  | 220.5        | 132    | 156.8  | 211.2  | 250.8        | 131.6  | 134.4  | 169.7  | 197.1        |
| Gr (%)                | 14.4   | 12.4   | 34.8   | 16.5         | 14     | 19.2   | 34.7   | 18.8         | 14     | 2.1    | 26.2   | 16.2         |
| Sept 2028 EPS         |        |        |        | 205          |        |        |        | 231          |        |        |        | 183          |
| Target PE (x)         |        |        |        | 30           |        |        |        | 35           |        |        |        | 25           |
| <b>TP (FY28E EPS)</b> |        |        |        | <b>6,150</b> |        |        |        | <b>8,085</b> |        |        |        | <b>4,584</b> |
| Upside (%)            |        |        |        | <b>37</b>    |        |        |        | <b>80</b>    |        |        |        | <b>2</b>     |

## SWOT ANALYSIS

- ✓ Market leader in key product verticals
- ✓ High-entry-barrier business
- ✓ Strong aftermarket presence
- ✓ Diversified customer base
- ✓ Superior margins and RoCE

**S**

STRENGTH



- ✓ Residual ICE dependence
- ✓ Lower margins in new businesses
- ✓ Automotive sector cyclical
- ✓ Integration execution risks
- ✓ Lower aftermarket opportunity in new businesses

**W**

WEAKNESS



- ✓ Multi-fuel powertrain growth
- ✓ Global ICE capacity exits
- ✓ Rising content per vehicle
- ✓ EV-ready diversification platform
- ✓ Export market penetration
- ✓ Non-automotive diversification

**O**

OPPORTUNITY



- ✓ Faster EV adoption
- ✓ Commodity price volatility
- ✓ OEM production slowdown
- ✓ Global economic slowdown
- ✓ Rising competitive intensity
- ✓ Acquisition and execution challenges

**T**

THREATS



## MANAGEMENT TEAM



**Mr. Krishnakumar Srinivasan**

Managing Director & CEO

- ❖ 38+ Years of experience
- ❖ MBA, Diploma in Exports and B.E. (Mechanical)



**Mr. Arun Shukla**

Executive Director – Projects

- ❖ 38+ Years of experience
- ❖ B. Tech



**Mr. Prem Rathi**

Executive Director & CFO

- ❖ 27+ Years of experience
- ❖ FCA and B. Com (Hons).



**Mr. Rajan Nanda**

Executive Director

- ❖ 34+ Years of experience
- ❖ MBA Finance & Operations and B.E. Mechanical



**Ms. Poonam Bharati**

Executive Director & CHRO

- ❖ 30+ Years of experience
- ❖ B Sc, Masters in HR & IR



**Mr. Rajnish Julka**

Executive Director - Ghaziabad

- ❖ 35+ Years of experience
- ❖ MEP, MTE, B. Sc. Engineering (Mechanical)



**Mr. Sumantra Mukherjee**

Executive Director - Pathredi

- ❖ 31+ Years of experience
- ❖ BE (Procurement Engineering)



**Mr. Atul K. Khanapurkar**

Executive Director - Pathredi

- ❖ 39+Years of experience
- ❖ B.E. (Electronics).



**Mr. Ashok Sinha**

Dy. Executive Director, ISCM

- ❖ 28+ Years of experience
- ❖ MBA, PGDBM, B. Sc. Engineering (Mechanical)



**Mr. Prashant Khairnar**

Dy. Executive Director & CDO

- ❖ 28+ Years of experience
- ❖ B.E. Mechanical



**Mr. Pankaj Jain**

Chief – Quality Control

- ❖ 35+ Years of experience
- ❖ B.E. (Mechanical Engineering) and a certified Six Sigma Black Belt

## ANNEXURE

### Exhibit 48: No material-related party transactions or balances

| Particulars                  | Subsidiaries |       | Entity over which, KMP and their Close members of the family has significant influence or control |      | KMP  |      | Post-employment benefit plan entity |      | Total  |       |
|------------------------------|--------------|-------|---------------------------------------------------------------------------------------------------|------|------|------|-------------------------------------|------|--------|-------|
|                              | FY26         | FY25  | FY26                                                                                              | FY25 | FY26 | FY25 | FY26                                | FY25 | FY26   | FY25  |
| <b>Remuneration</b>          |              |       |                                                                                                   |      |      |      |                                     |      |        |       |
| Short-term employees benefit | -            | -     | -                                                                                                 | -    | 213  | 199  | -                                   | -    | 213    | 199   |
| Commission to directors      | -            | -     | -                                                                                                 | -    | 77   | 76   | -                                   | -    | 77     | 76    |
| Dividend paid                | -            | -     | 176                                                                                               | 183  | 17   | 17   | -                                   | -    | 193    | 199   |
| Contribution paid            | -            | -     | -                                                                                                 | -    | -    | -    | 97                                  | 116  | 97     | 116   |
| Investment                   | 17,634       | 2,500 | -                                                                                                 | -    | -    | -    | -                                   | -    | 17,634 | 2,500 |
| Loan given during the year   | -            | 23    | -                                                                                                 | -    | -    | 150  | -                                   | -    | -      | 173   |
| Purchase of Goods & Services | 147          | 1     | -                                                                                                 | -    | -    | -    | -                                   | -    | 147    | 1     |
| Amount recoverable           | 3            | 4     | -                                                                                                 | -    | 120  | 150  | -                                   | -    | 123    | 154   |
| Amount payable               | 15           | -     | 2                                                                                                 | 1    | 191  | 187  | 18                                  | 16   | 227    | 204   |

Source: Company Annual Report

### Exhibit 49: No Material Contingent Liabilities

| Contingent Liability                     | FY25        | FY26        |
|------------------------------------------|-------------|-------------|
| Disputed direct and indirect tax matters | 300         | 398         |
| Employees State Insurance                | 29          | 29          |
| Labour Matters                           | 326         | 190         |
| Commercial Matters                       | 27          | 28          |
| <b>Total</b>                             | <b>682</b>  | <b>645</b>  |
| <b>% of Net Worth</b>                    | <b>2.7%</b> | <b>2.1%</b> |

Source: Company Annual Report

### Exhibit 50: Shareholding Pattern

| Shareholding | FY25 | FY26 |
|--------------|------|------|
| Promoter     | 43.8 | 43.8 |
| Riken Corp   | 21.3 | 21.3 |
| Public       | 35.0 | 35.0 |

Note: Post QIP of Rs 10bn in Aug 2026, the promoter stake has been reduced to 41.5%. Source: BSE

## FINANCIALS AND VALUATIONS

### Consol. Income Statement

|                                  |               |               |               |               |               |               | INR m         |
|----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Y/E March                        | FY23          | FY24          | FY25          | FY26          | FY27E         | FY28E         | FY29E         |
| <b>Net Sales</b>                 | <b>26,093</b> | <b>30,893</b> | <b>35,498</b> | <b>44,587</b> | <b>61,888</b> | <b>69,554</b> | <b>78,347</b> |
| Change (%)                       | 26.4          | 18.4          | 14.9          | 25.6          | 38.8          | 12.4          | 12.6          |
| Gross profit                     | 15,111        | 18,416        | 20,622        | 24,011        | 30,387        | 34,290        | 38,782        |
| Materials Consumed (% of Sales)  | 42.1          | 40.4          | 41.9          | 46.1          | 50.9          | 50.7          | 50.5          |
| Personnel Expenses (% of Sales)  | 15.9          | 14.9          | 14.5          | 12.9          | 11.2          | 10.8          | 10.8          |
| Other Expenses (% of Sales)      | 24.4          | 24.0          | 23.2          | 21.3          | 20.0          | 19.8          | 19.8          |
| Total Expenditure (% of Sales)   | 82.4          | 79.2          | 79.6          | 80.4          | 82.1          | 81.3          | 81.1          |
| <b>EBITDA</b>                    | <b>4,604</b>  | <b>6,420</b>  | <b>7,243</b>  | <b>8,758</b>  | <b>11,078</b> | <b>13,007</b> | <b>14,808</b> |
| Margin (%)                       | 17.6          | 20.8          | 20.4          | 19.6          | 17.9          | 18.7          | 18.9          |
| Depreciation                     | 947           | 1,077         | 1,197         | 1,486         | 2,171         | 2,421         | 2,671         |
| <b>EBIT</b>                      | <b>3,656</b>  | <b>5,343</b>  | <b>6,046</b>  | <b>7,272</b>  | <b>8,906</b>  | <b>10,585</b> | <b>12,136</b> |
| Int. and Finance Charges         | 193           | 305           | 344           | 622           | 922           | 141           | 141           |
| Other Income                     | 467           | 853           | 1,114         | 1,126         | 900           | 1,426         | 1,826         |
| <b>PBT bef. EO Exp.</b>          | <b>3,930</b>  | <b>5,891</b>  | <b>6,817</b>  | <b>7,776</b>  | <b>8,884</b>  | <b>11,870</b> | <b>13,821</b> |
| EO Expense/(Income)              | 45            | 0             | 0             | -271          | 0             | 0             | 0             |
| Profit/Loss from JVs             |               |               |               |               |               |               |               |
| <b>PBT after EO Exp.</b>         | <b>3,975</b>  | <b>5,891</b>  | <b>6,817</b>  | <b>7,505</b>  | <b>8,884</b>  | <b>11,870</b> | <b>13,821</b> |
| Total Tax                        | 991           | 1,505         | 1,661         | 1,891         | 2,221         | 2,967         | 3,455         |
| Tax Rate (%)                     | 24.9          | 25.5          | 24.4          | 25.2          | 25.0          | 25.0          | 25.0          |
| <b>Reported PAT</b>              | <b>2,983</b>  | <b>4,387</b>  | <b>5,156</b>  | <b>5,614</b>  | <b>6,663</b>  | <b>8,902</b>  | <b>10,366</b> |
| <b>PAT Adjusted for EO items</b> | <b>2,939</b>  | <b>4,387</b>  | <b>5,156</b>  | <b>5,885</b>  | <b>6,663</b>  | <b>8,902</b>  | <b>10,366</b> |
| Margin (%)                       | 11.3          | 14.2          | 14.5          | 13.2          | 10.8          | 12.8          | 13.2          |
| Less: Minority Interest          | 4             | -39           | 89            | 89            | 150           | 121           | 137           |
| <b>Adj PAT</b>                   | <b>2,935</b>  | <b>4,425</b>  | <b>5,067</b>  | <b>5,796</b>  | <b>6,513</b>  | <b>8,781</b>  | <b>10,229</b> |
| Change (%)                       | 79.4          | 50.8          | 14.5          | 14.4          | 12.4          | 34.8          | 16.5          |
| No of fully diluted shares       | 44.1          | 44.1          | 44.1          | 44.1          | 46.4          | 46.4          | 46.4          |
| <b>Adj EPS</b>                   | <b>66.6</b>   | <b>100.5</b>  | <b>115.0</b>  | <b>131.6</b>  | <b>140.4</b>  | <b>189.3</b>  | <b>220.5</b>  |

### Consol. Balance Sheet

|                                     |               |               |               |               |               |               | INR m         |
|-------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Y/E March                           | FY23          | FY24          | FY25          | FY26          | FY27E         | FY28E         | FY29E         |
| Equity Share Capital                | 220           | 441           | 441           | 441           | 464           | 464           | 464           |
| Total Reserves                      | 15,054        | 18,816        | 23,496        | 28,570        | 44,547        | 52,772        | 62,444        |
| Minority Interest                   | 450           | 949           | 1,037         | 1,172         | 1,322         | 1,443         | 1,580         |
| <b>Net Worth</b>                    | <b>15,724</b> | <b>20,206</b> | <b>24,973</b> | <b>30,183</b> | <b>46,333</b> | <b>54,679</b> | <b>64,488</b> |
| Deferred Liabilities                | 302           | 373           | 604           | 1,368         | 1,368         | 1,368         | 1,368         |
| Total Loans                         | 2,989         | 4,549         | 4,782         | 18,667        | 6,667         | 1,000         | 1,000         |
| <b>Capital Employed</b>             | <b>19,015</b> | <b>25,128</b> | <b>30,359</b> | <b>50,218</b> | <b>54,368</b> | <b>57,047</b> | <b>66,856</b> |
| Gross Block                         | 13,936        | 16,282        | 18,923        | 25,670        | 28,170        | 30,670        | 33,170        |
| Less: Accum. Deprn.                 | 6,625         | 7,409         | 8,226         | 9,135         | 11,307        | 13,728        | 16,400        |
| <b>Net Fixed Assets</b>             | <b>7,310</b>  | <b>8,873</b>  | <b>10,697</b> | <b>16,534</b> | <b>16,863</b> | <b>16,942</b> | <b>16,770</b> |
| Capital WIP                         | 47            | 315           | 578           | 507           | 507           | 507           | 507           |
| Goodwill on consolidation           | 412           | 466           | 1,335         | 13,679        | 13,679        | 13,679        | 13,679        |
| <b>Total Investments</b>            | <b>723</b>    | <b>1,145</b>  | <b>363</b>    | <b>1,348</b>  | <b>1,348</b>  | <b>1,348</b>  | <b>1,348</b>  |
| <b>Curr. Assets, Loans&amp;Adv.</b> | <b>15,649</b> | <b>20,583</b> | <b>24,316</b> | <b>29,458</b> | <b>35,929</b> | <b>39,703</b> | <b>51,030</b> |
| Inventory                           | 3,389         | 3,911         | 4,723         | 6,237         | 8,657         | 9,729         | 10,959        |
| Account Receivables                 | 3,966         | 4,761         | 5,837         | 8,330         | 11,191        | 12,577        | 14,167        |
| Cash & Bank                         | 6,469         | 8,620         | 10,516        | 10,358        | 11,548        | 12,864        | 21,370        |
| Loans and Advances                  | 1,826         | 3,292         | 3,239         | 4,533         | 4,533         | 4,533         | 4,533         |
| <b>Curr. Liability &amp; Prov.</b>  | <b>5,126</b>  | <b>6,255</b>  | <b>6,930</b>  | <b>11,309</b> | <b>13,958</b> | <b>15,131</b> | <b>16,477</b> |
| Creditors                           | 2,915         | 3,560         | 4,107         | 6,826         | 9,475         | 10,648        | 11,994        |
| Other Current Liabilities           | 1,786         | 2,222         | 2,262         | 3,764         | 3,764         | 3,764         | 3,764         |
| Provisions                          | 425           | 473           | 561           | 719           | 719           | 719           | 719           |
| <b>Net Current Assets</b>           | <b>10,523</b> | <b>14,328</b> | <b>17,385</b> | <b>18,149</b> | <b>21,971</b> | <b>24,572</b> | <b>34,552</b> |
| <b>Appl. of Funds</b>               | <b>19,015</b> | <b>25,128</b> | <b>30,359</b> | <b>50,218</b> | <b>54,368</b> | <b>57,047</b> | <b>66,856</b> |

E: MOFSL Estimates

## FINANCIALS AND VALUATIONS

### Consol. Financial Ratios

| Y/E March                     | FY23        | FY24         | FY25         | FY26         | FY27E        | FY28E        | FY29E        |
|-------------------------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>Basic (INR)</b>            |             |              |              |              |              |              |              |
| <b>EPS</b>                    | <b>66.6</b> | <b>100.5</b> | <b>115.0</b> | <b>131.6</b> | <b>140.4</b> | <b>189.3</b> | <b>220.5</b> |
| Cash EPS                      | 88.1        | 124.9        | 142.2        | 165.3        | 187.2        | 241.5        | 278.1        |
| BV/Share                      | 356.9       | 458.7        | 566.9        | 685.2        | 998.9        | 1,178.8      | 1,390.3      |
| DPS                           | 15.0        | 10.0         | 10.0         | 10.0         | 11.0         | 12.0         | 12.0         |
| Payout (%)                    | 22.5        | 10.0         | 8.7          | 7.6          | 7.8          | 6.3          | 5.4          |
| Dividend Yield (%)            | 0.3         | 0.2          | 0.2          | 0.2          | 0.2          | 0.3          | 0.3          |
| FCF per share                 | 62.0        | 77.2         | 76.0         | 99.3         | 80.3         | 134.8        | 159.1        |
| <b>Valuation (x)</b>          |             |              |              |              |              |              |              |
| P/E                           | 67.4        | 44.7         | 39.0         | 34.1         | 32.0         | 23.7         | 20.4         |
| Cash P/E                      | 52.2        | 36.8         | 32.4         | 27.8         | 24.6         | 19.0         | 16.5         |
| P/BV                          | 12.6        | 9.8          | 7.9          | 6.6          | 4.5          | 3.8          | 3.2          |
| EV/Sales                      | 7.4         | 6.2          | 5.4          | 4.6          | 3.2          | 2.8          | 2.4          |
| EV/EBITDA                     | 41.9        | 29.7         | 26.3         | 23.2         | 18.1         | 14.9         | 12.5         |
| <b>Return Ratios (%)</b>      |             |              |              |              |              |              |              |
| EBITDA Margins (%)            | 17.6        | 20.8         | 20.4         | 19.6         | 17.9         | 18.7         | 18.9         |
| Net Profit Margins (%)        | 11.3        | 14.2         | 14.5         | 13.2         | 10.8         | 12.8         | 13.2         |
| RoE                           | 20.8        | 24.6         | 22.4         | 21.0         | 17.0         | 17.4         | 17.2         |
| RoCE (Post-tax)               | 19.0        | 21.2         | 19.9         | 16.0         | 14.4         | 16.6         | 17.3         |
| RoIC                          | 19.0        | 19.4         | 17.5         | 14.3         | 15.1         | 19.1         | 21.2         |
| <b>Working Capital Ratios</b> |             |              |              |              |              |              |              |
| Fixed Asset Turnover (x)      | 1.9         | 1.9          | 1.9          | 1.7          | 2.2          | 2.3          | 2.4          |
| Asset Turnover (x)            | 1.4         | 1.2          | 1.2          | 0.9          | 1.1          | 1.2          | 1.2          |
| Inventory (Days)              | 47          | 43           | 44           | 45           | 44           | 48           | 48           |
| Debtor (Days)                 | 53          | 52           | 54           | 58           | 58           | 62           | 62           |
| Creditor (Days)               | 42          | 38           | 39           | 45           | 48           | 53           | 53           |
| Working Capital (Days)        | 100         | 142          | 158          | 139          | 81           | 58           | 58           |
| <b>Leverage Ratio (x)</b>     |             |              |              |              |              |              |              |
| Net Debt/Equity               | -0.3        | -0.3         | -0.3         | 0.2          | -0.2         | -0.3         | -0.4         |

### Consol. Cash Flow Statement

| Y/E March                       | FY23          | FY24          | FY25          | FY26           | FY27E         | FY28E         | FY29E         |
|---------------------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|
|                                 |               |               |               |                |               |               | <b>INR m</b>  |
| Operating PBT                   | 3,930         | 5,891         | 6,817         | 7,505          | 8,884         | 11,870        | 13,821        |
| Depreciation                    | 947           | 1,077         | 1,197         | 1,486          | 2,171         | 2,421         | 2,671         |
| Interest/Div paid               | 193           | 305           | 344           | 622            | 922           | 141           | 141           |
| Direct Taxes Paid               | -1,022        | -1,561        | -1,691        | -1,704         | -2,221        | -2,967        | -3,455        |
| (Inc)/Dec in WC                 | -311          | 101           | 1,396         | 595            | 2,632         | 1,285         | 1,474         |
| Other items                     | 259           | -946          | -3,719        | -2,525         | -6,164        | -3,996        | -4,774        |
| <b>CF from Operations</b>       | <b>3,996</b>  | <b>4,867</b>  | <b>4,344</b>  | <b>5,979</b>   | <b>6,225</b>  | <b>8,754</b>  | <b>9,879</b>  |
| (inc)/dec in FA                 | -1,219        | -1,465        | -997          | -1,877         | -2,500        | -2,500        | -2,500        |
| <b>Free Cash Flow</b>           | <b>2,733</b>  | <b>3,403</b>  | <b>3,347</b>  | <b>4,373</b>   | <b>3,725</b>  | <b>6,254</b>  | <b>7,379</b>  |
| (Pur)/Sale of Investments       | 0             | 365           | -2,091        | -16,424        | 0             | 0             | 0             |
| Others                          | -3,542        | -3,116        | -760          | 155            | 900           | 1,426         | 1,826         |
| <b>CF from Investments</b>      | <b>-4,762</b> | <b>-4,216</b> | <b>-3,847</b> | <b>-18,146</b> | <b>-1,600</b> | <b>-1,074</b> | <b>-674</b>   |
| Issue of Shares                 | 0             | 0             | 0             | 0              | 9,998         | 0             | 0             |
| Inc/(Dec) in Debt               | 1,624         | 433           | 350           | 13,567         | -12,000       | -5,667        | 0             |
| Interest Paid                   | -191          | -292          | -343          | -605           | -922          | -141          | -141          |
| Dividend Paid                   | -308          | -330          | -441          | -440           | -510          | -557          | -557          |
| Others                          | -195          | -232          | -177          | 0              | 0             | 0             | 0             |
| <b>CF from Fin. Activity</b>    | <b>930</b>    | <b>-422</b>   | <b>-610</b>   | <b>12,522</b>  | <b>-3,434</b> | <b>-6,365</b> | <b>-698</b>   |
| <b>Inc/Dec of Cash and Bank</b> | <b>120</b>    | <b>230</b>    | <b>-114</b>   | <b>626</b>     | <b>1,190</b>  | <b>1,315</b>  | <b>8,507</b>  |
| Add: Beginning Balance          | 185           | 6,469         | 8,620         | 10,516         | 10,358        | 11,548        | 12,864        |
| Add: Change in Bank Balance     | 6,164         | 1,921         | 2,010         | -784           | 0             | 0             | 0             |
| <b>Closing Balance</b>          | <b>6,469</b>  | <b>8,620</b>  | <b>10,516</b> | <b>10,358</b>  | <b>11,548</b> | <b>12,864</b> | <b>21,370</b> |

Investment in securities market are subject to market risks. Read all the related documents carefully before investing

## NOTES

# RECENT INITIATING COVERAGE REPORTS

**motilal oswal**  
Financial Services

September 2026  
Initiating Coverage | Sector: Defense  
**Solar Industries**

**Building scale, expanding global footprint**

Research Analyst: [Name] | Research Analyst: [Name] | Research Analyst: [Name]  
Investors are advised to refer through important disclosures made at the last page of the Research Report.  
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**motilal oswal**  
Financial Services

September 2026  
Initiating Coverage | Sector: Internet & New-Age Tech  
**Pine Labs**

**Powering payments: Monetization in motion!**

Research Analyst: [Name] | Research Analyst: [Name] | Research Analyst: [Name]  
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**motilal oswal**  
Financial Services

September 2026  
Initiating Coverage | Sector: Internet & New-Age Tech  
**Turtlemint Fintech Solutions**

**Powering Bharat's insurance journey**

Research Analyst: [Name] | Research Analyst: [Name] | Research Analyst: [Name]  
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**motilal oswal**  
Financial Services

September 2026  
Initiating coverage | Sector: Automobiles  
**Tenneco Clean Air**

**Technology at the core, growth at scale!**

Research Analyst: [Name] | Research Analyst: [Name] | Research Analyst: [Name]  
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**motilal oswal**  
Financial Services

September 2026  
Initiating Coverage | Sector: Retail  
**V2 Retail**

**Fashion for Bharat, Built for Scale**

Research Analyst: [Name] | Research Analyst: [Name] | Research Analyst: [Name]  
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**motilal oswal**  
Financial Services

August 2026  
Initiating Coverage | Sector: Financials - Capital Market  
**SBI Funds Management**

**Trusted legacy; plethora of future possibilities**

Research Analyst: [Name] | Research Analyst: [Name] | Research Analyst: [Name]  
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**motilal oswal**  
Financial Services

August 2026  
Initiating Coverage | Sector: Infrastructure  
**Adani Enterprises**

**Multiple growth engines, one integrated platform**

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|----------------------------------|----------------------------------------------------------------------------------------------|
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| BUY                              | >=15%                                                                                        |
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