

# HARSCO RAIL BY COLMAR RAIL/ROAD SHUNTER



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Harsco Rail by Colmar Shunters are able to pull trains, wagons, locomotives and various more up to 4000 tonnes. Our partner Colmar has been in this field since 1965 and has since then continuously optimized its products based on customer feedback and experience. Besides our very popular electric-driven shunters with low maintenance costs, we also offer conventional diesel engines. These traction vehicles can be used on private and public tracks. Use cases therefore would be maintenance workshops, metros, warehouses, ports and many more.

In order to find out which of our machines will be the best possible solution for your requirements and applications, we would need to elaborate on the three questions below:

- 1 **WHAT WEIGHT MUST BE TOWED?**
- 2 **WHAT IS THE CONDITION OF THE TRACK?**
- 3 **WHAT IS THE HIGHEST SLOPE?**



## BENEFITS HARSCO RAIL BY COLMAR

### Easy to operate

Harsco Rail by Colmar Shunters are easy to operate while they are more efficient than other conventional handling locomotives. The tyres of the SL-Series have an increased adherence, specifically designed to work on the rail surface. Additionally RRV configuration, enables the machine to easily move on and off the track.

### High cost-efficiency

Our electric-driven shunters have zero pollution, which makes them very climate friendly. Maintenance costs are very low.

### High safety standards

Regardless of the engine type, all of our shunters achieve high safety standards and maneuverability.

# TECHNICAL SPECIFICATIONS

## ELECTRICALLY POWERED SHUNTERS

|                         |      | SL5E   | SL16E  | SL25E    | SL32E    | SL50E     | SL90E       | SL120E      | SL160E      | SL200E      |
|-------------------------|------|--------|--------|----------|----------|-----------|-------------|-------------|-------------|-------------|
| Weight                  | kg   | 3.000  | 4.400  | 6.200    | 7.200    | 10.000    | 21.000      | 23.500      | 31.000      | 35.000      |
| Drawbar pull            | kN   | 6      | 16     | 25       | 37       | 52        | 100         | 125         | 160         | 200         |
| Max. Towing capacity    | t    | 110    | 300    | 500      | 740      | 1.000     | 2.000       | 2.600       | 3.200       | 4.000       |
| Electric traction motor | kW   | 3,5    | 7,5    | 12       | 20       | 30        | 2 x 35      | 2 x 35      | 2 x 40      | 2 x 40      |
| Max. Speed              | km/h | 4      | 6      | 7        | 7        | 6         | 16          | 16          | 16          | 17          |
| Batteries               | Ah/V | 240/48 | 450/80 | 700/80   | 700/80   | 1.000 /80 | 2x1.000 /80 | 2x1.400 /80 | 3x1.400 /80 | 3x1.400 /80 |
| Driver's Cap            |      | N/A    | N/A    | optional | standard | standard  | standard    | standard    | standard    | standard    |

## DIESEL POWERED SHUNTERS

\*Stage 5 engines

|                          |       | SL90D        | SL120D       | SL160D       | SL200D       |
|--------------------------|-------|--------------|--------------|--------------|--------------|
| Weight                   | kg    | 21.000       | 23.000       | 30.500       | 35.000       |
| Drawbar pull             | kN    | 90           | 120          | 160          | 200          |
| Max towing capacity      | t     | 1.800        | 2.400        | 3.200        | 4.000        |
| Engine                   | kW    | 129          | 175          | 175          | 175          |
| Max Speed                | km/h  | 6-20         | 6-20         | 6-20         | 6-20         |
| Air Compressor           | l/min | 1.500        | 1.500        | 2.100        | 2.100        |
| Air tank                 | l/min | 2 x 200      | 2 x 200      | 4 x 200      | 4 x 200      |
| Tyres                    |       | 10.000 x R20 | 12.000 x R20 | 12.000 x R24 | 10.000 x R24 |
| Number of railway wheels |       | 4            | 4            | 8            | 8            |

Learn more at [harscorail.com](http://harscorail.com)



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