



COMPLETE MAINTENANCE, REPAIR AND DELIVERY OF INDUSTRIAL EQUIPMENT

# REMTECHSTROY GROUP





***Ballast cleaner machine***

**REM 1145**



**Main dimensions (L × W × H):**

**Broad Gauge Track:**

**Mass, ton, not more:**

**Power unit capacity:**

**Maximum speed under own output:**

**Maximum speed in a train composition:**

**Maximum operation cleaning speed:**

**Maximum output:**

**20750 mm × 3180 mm × 4750 mm**

**1435 mm**

**71 ton**

**345kW DEUTZ**

**100 km / h**

**120 km / h**

**0 ~ 450 m / h**

**450 m<sup>3</sup>/h**

**Maximum vertical lifting:**

**Maximum horizontal displacement:**

**Cleaning depth from the sleepers foot:**

**180 mm**

**250 mm**

**880 mm**

**REM GROUP**

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*Ballast cleaner machine*

# REM 45C



<b>Main dimensions (L × W × H):</b>	<b>19330 mm × 3180 mm × 4550 mm</b>
<b>Broad Gauge Track:</b>	<b>1435 mm</b>
<b>Mass, ton, not more:</b>	<b>70 ton</b>
<b>Power unit capacity:</b>	<b>300kW DEUTZ</b>
<b>Maximum speed under own output:</b>	<b>100 km / h</b>
<b>Maximum speed in a train composition:</b>	<b>120 km / h</b>
<b>Maximum operation cleaning speed:</b>	<b>0 ~ 450 m / h</b>
<b>Maximum output:</b>	<b>450 m<sup>3</sup>/h</b>
<b>Maximum vertical lifting:</b>	<b>180mm</b>
<b>Maximum horizontal displacement:</b>	<b>250 mm</b>
<b>Cleaning depth from the sleepers foot:</b>	<b>850 mm</b>



*Profiling machine for rails*

**REM MC16**



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*Machine of contact welding of rails*

**REM 92G**



**Main dimensions (L × W × H):**

**22210 mm × 3150 mm × 4350 mm**

**Broad Gauge Track:**

**1435 mm**

**Mass, ton, not more:**

**66 ton**

**Emergency stopping distance:**

**≤ 400 m (straight railway, at a speed 80km/h)**

**Power unit capacity:**

**494kW DEUTZ**

**Maximum speed under own output:**

**100km / h**

**Maximum operation cleaning speed:**

**120km / h**

REM92G machine is rail contact welding of rails, mainly used for railway lines of high-speed performance significantly simplifies the operations of heavy welding of rails with guaranteed quality of welding.

In a machine is built auxiliary equipment, vehicle, power source (generator), which leads to significantly increased productivity of welding.



**Main technical parameters:**

Conditions of employment altitude:	≤ 3000 m
Ambient temperature:	-10 ~ 40 Degrees Celsius
Average Relative Humidity:	70%
Broad Gauge Track:	1435 mm
Operational range:	Minimum 250 m

**Technical Specifications**

Mass, ton, not more:	66 ton
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**Welding machine for welding contact:**

Mass, ton,:	K22 Type
Power:	3100 kg
Working pressure of hydraulic system:	210 KVA
Max strain:	21 MPa
Max tightening:	1200kNa
Productivity (weld / hr):	2900kN
	12

**Generator parameters:**

Rated voltage:	400V/230V three-phase system
Power:	800kW
Power factor:	0.8
Rated frequency:	50 Hz
Insulation class:	Class H insulation at 180 degrees

**Diesel Engine Specifications:**

Rated speed:	1800n/min
Operating speed:	1500n/min
Power:	494kW (without fan) / 480 кВт (with fan)
Room has a built air conditioning	



*MFS Hopper – under own output – 40*

**REM Y40**



**Main dimensions (L × W × H):**

**22700 mm × 2920 mm × 4190 mm**

**Broad Gauge Track:**

**1435 mm**

**Total mass:**

**42 ton**

**Rated output and engine model:**

**87kW**

**Maximum speed under own output:**

**0 ~ 3 km/h**

**Maximum speed in a train composition:**

**120km / h**

**Capacity:**

**30m<sup>3</sup> or 40t**

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**MFS Hopper – 100**

**REM TOY**



**Main dimensions (L × W × H):**

**26750 mm × 3150 mm × 4190 mm**

**Broad Gauge Track:**

**1435 mm**

**Total mass:**

**58 t**

**Rated output and engine model:**

**148kW**

**Maximum speed in a train composition:**

**120km / h**

**Capacity:**

**68m<sup>3</sup> or 100t**

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