

PM 1000-URM – the new standard in subgrade rehabilitation

- Up to 100% recycling of the existing ballast material
- Creation of a new supporting layer using existing material
- Lower disposal costs and up to 50% fewer logistical pauses than existing systems
- Higher track availability thanks to shorter periods in possession
- Rehabilitation capacity of up to 1400 metres per day with 3 excavation chains
- Simultaneous installation of 2 geoplastics possible
- Installation of supporting and protective layer in one operation
- Ballast recycling with high-pressure washing and short set-up times



Performance ø – 12 hours	500 m
Max. performance per hour	110 m
Ballast Excavation Chain – Capacity	300 cbm/h
Excavation width	4,200 - 6.000 mm
Subgrade Excavation Chain – Capacity	1000 cbm/h
Excavation width	4,050 - 6.600 mm
Excavation depth max.	1.300 mm
Installation height up to	600 mm (PSS/FSS)
Installation height, track formation layer	300 mm
Material supply (container wagon backwards)	BA 255
Evacuation (to the front)	MFS 100



Vibrating screen



Washing screen



Impact crusher



Finger screen



Excavating chain 1 and 2



Revolving grid



Excavating chain 3



Compactor intermediate layer



Installation of new FPL material



Packing device



Ballast outlet hoppers



Spiral conveyor



Plate compactor



Flank compactor



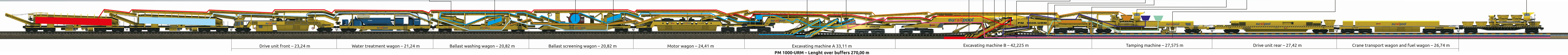
Portal crane with new FPL material



Tamping unit



Portal crane with 2 units



← Working direction

Schematic drawing of PM 1000-URM

- Spoil
- Excavated ballast
- Mixed material
- Ballast bed residue
- New ballast
- Recycled ballast
- New FPL material
- Intermediate layer

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