

BALLAST REGULATORS | CP250 - CP500



CP250
CP500



FEATURES

- Multi-purpose machine with high production capability
- High performances
- Vehicle of category 4 (it is adapted to be incorporated into a train).

MAIN BENEFITS:

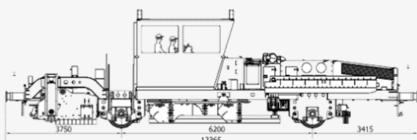
- **High capacity of production:** it can be used by one person only.
- **Value added:** it is suitable for use as a towing locomotive.
- **Eco friendly:** equipped with hydraulic dust suppression system.
- **Easily transportable on the road:** the maximum width of less than 3 meters and weighs 34 tons would road transport without the need of special exceptional transport, making it possible to move beyond that on the railway network on road.

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Hydrostatic transmission on a closed circuit with DTC: Dynamic Torque Control which guarantees always smooth acceleration.

Master Slave mode: possibility of controlling multiple machines as locomotives from a single machine.

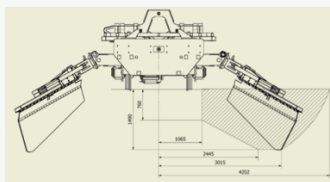
EsaHydra: six independent hydraulic circuits maintain maximum power and speed with multiple movements.



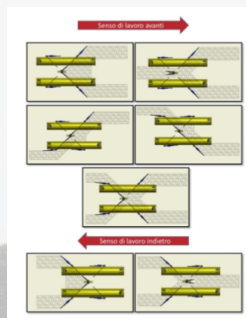
ADVANTAGES:

- The CP250/ CP500 ballast regulator machines have been designed and built to meet today's needs of work and reliability of armament companies.
- The small size combined with the high operating capacity make them suitable for all uses: from small local profiling jobs to large renovation or new construction sites.
- Compliant with UNI EN14033.

CENTRAL PLOUGHS AREA



CONFIGURATIONS OF THE FRONTAL PLOUGHS



The central ploughs can work both forward and reverse.

TECHNICAL DATA:

CP 250

CP500

| | CP 250 | CP500 |
|------------------|-------------------|--------------------|
| Engine | Deutz TCD 6.1 | Deutz TCD 12 |
| Power | 160 kW @ 2300 rpm | 360 kW @ 2100 rpm |
| Torque. | 900 Nm @ 1450 rpm | 2075 Nm @ 1350 rpm |
| Emission | 2004/26/EU STEP 4 | 2004/26/EU STEP 4 |
| Max. speed | 90 km/h | 90 km/h |
| Towed max. speed | 90 km/h | 90 km/h |
| Work max. speed | 20 km/h | 20 km/h |
| Weight | 34120 kg | 36000 kg |
| Wheelbase | 6200 mm | 6200 mm |
| Total length | 13365 mm | 13365 mm |
| Width | 3000 mm | 3000 mm |
| Height | 3500 mm | 3500 mm |
| Max. gradient | 60 ‰ | 60 ‰ |
| Max. traction | 90.000 N | 110.000 N |
| Cant | 160 mm | 160 mm |
| Ø wheels | 860 mm | 860 mm |
| Draw gear | Unify | Unify |
| Buffer | Unify | Unify |
| Automatic brake | Unify | Unify |
| Direct brake | Unify | Unify |
| Parking brake | Unify, TRISTOP | Unify, TRISTOP |
| Diesel tank | 600 lt | 600 lt |
| Oil tank | 600 lt | 600 lt |
| Water tank | - | 1000 lt |
| Refuel pump | 30 lt/min | 30 lt/min |



Company quality system certified according to UNI EN ISO 9001:2015