

# DE 600C

**3-axes powerful and efficient Diesel-electric AC/AC locomotive for shunting operations**



## Main characteristics

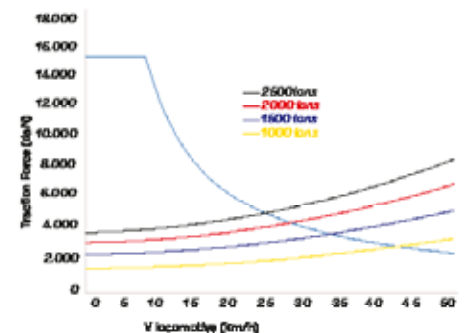
Diesel engine	Volvo-Penta
Power	620 HP
Transmission	Diesel-electric AC/AC
Weight/axle	16T
Top speed	50 km/h
Starting tractive effort	12.42 tons
Gauge	1.000 mm
Length	11.602 mm
Width	2.920 mm
Height	3.957 mm
Min radius	65 m

## Key advantages

- High transmission efficiency
- Low fuel consumption
- Low cost maintenance
- Digital control
- Dynamic braking by resistors
- Perfect 360° visibility
- Two driver's posts
- Large cabin volume
- Low-speed traction easiness
- Multiply unit possibility
- Diesel engine compliant with the latest environmental standards
- Anti-slip and anti-block devices

## Tractive effort curve

Maximum and constant tractive effort from 0 km/h up to around 10 km/h without overheating.

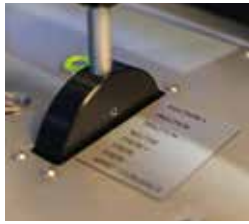




Driving desk offering excellent visibility



Touch panel (speed, tractive effort, consumption, motor settings, ...)



### Optional features

- Remote control
- Air conditioning
- Automatic couplers
- Event recorder
- GPS geolocation
- Multiple unit (only between John Cockerill locomotives)
- Diesel exhaust aftertreatment system
- Remote connection for maintenance

### General layout

