

Specification for application of gantry crane/portal crane Donelli PD 350



General operation conditions:

- ≡ The gantry crane is ready for installing, detaching, transport and loading of railway sleeper, track yokes and tracks with own drive unit and use auxiliary tracks which are normally new tracks.
- ≡ During restoring or installation a blocking of the neighbouring track is not necessary.
- ≡ Operating staff: two persons for two portals
- ≡ The gauge of the tracks has to be 3,310 m.
- ≡ The PD 350 can be used for radius up to 250 m, for slope smaller than 40 o/oo and for super elevation smaller than 95 mm with a gauge of the tracks 1435 mm, that means a super elevation of the auxiliary tracks of 220 mm. A possible existing overhead wire has to be cut off.
- ≡ With a working time of 12 hours and optimal working conditions 1000 m of railways sleepers can be installed.

Technische Daten:

External width in operating position:	4,02 m	Super elevation:	max. 4 %
Internal width in operating position:	3,23 m	Net weight traverse:	3,8 tons
Gauge of auxiliary track (carriage way):	3,50 m	Net weight per portal:	6 tons
External height in operation position:	4,42 m	Running speed:	max. 15 km/h
Height of lift:	3,16 m	Loudness emission:	80 dbA
Lifting capacity per portal:	approx. 9 tons		
Minimum radius:	up to 250 m		

The PD 350 detach can transport and place wood sleeper, yokes with a length of 18 m and concrete sleeper yokes with a length of 18 m.