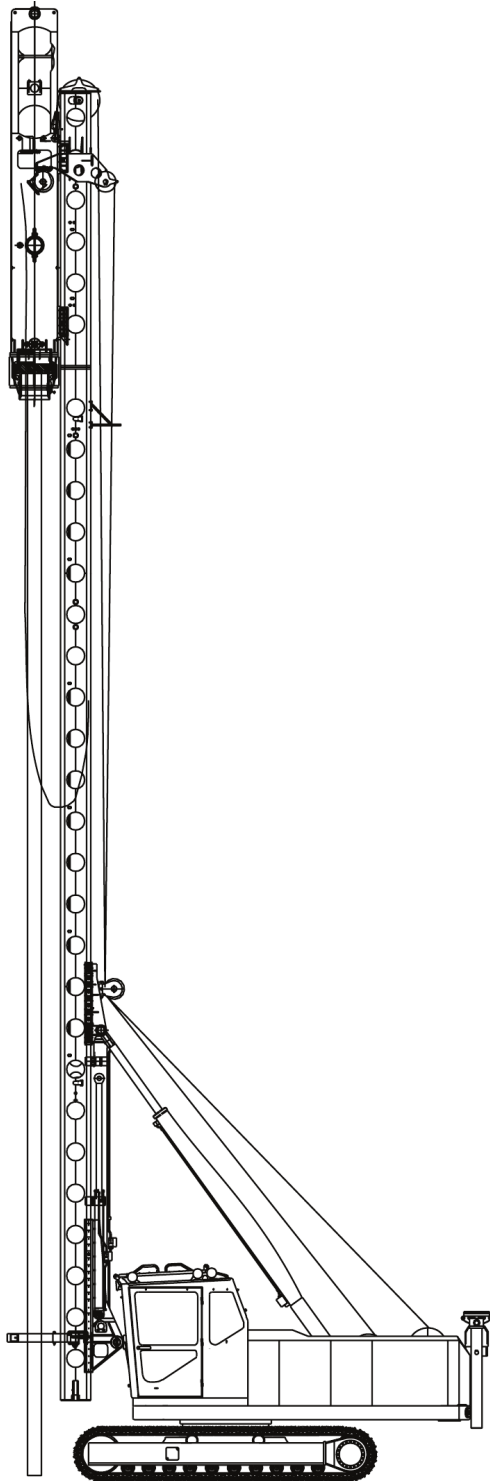




JUNTTAN PM16

DRIVEN PILING RIG

The Junttan PM16 is a compact, self-erecting driven piling rig for timber, precast concrete and steel piles. Its expandable undercarriage, low centre of gravity and horizontal leader movement provide strong mobility, stability and accurate pile positioning. With a recommended 3-4 tonne hydraulic hammer and a maximum pile length of 16 m, the PM16 is well suited to projects requiring reliable driven piling performance with efficient mobilisation and setup.

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Contact our team for further information on the Junttan PM16 and to confirm whether the proposed rig configuration is suitable for your project. All dimensions and capacities depend on the selected hammer, leader and accessories.

TECHNICAL DATA



OPERATION DETAILS

Description	Dimension / Capacity
Nominal operating weight	37,000 kg
Leader capacity	12,000 kg
Maximum pile length (HHK 3-4A)	16.0 m
Recommended hammer	Junttan HHK 3-4A
Pile winch capacity	5,000 kg
Hammer winch capacity	8,000 kg
Pile types	Timber, concrete and steel

POWER AND HYDRAULICS

Description	Specification
Engine	Cummins B4.5 Stage V
Rated power	129 kW / 174 hp
Fuel tank	600 litres
Maximum hydraulic flow	2 x 160 + 86 l/min at 2,000 rpm
Maximum hydraulic pressure	320 bar
Hydraulic oil tank	450 litres

UNDERCARRIAGE AND LEADER

Description	Dimension / Type
Crawler length	4,460 mm
Operating width	3,000 mm min / 4,000 mm max
Track shoe options	800 or 900 mm
Leader type	Fixed PM16-A
Leader foot movement	1,200 mm up / 300 mm down
Leader horizontal movement	1,200 mm

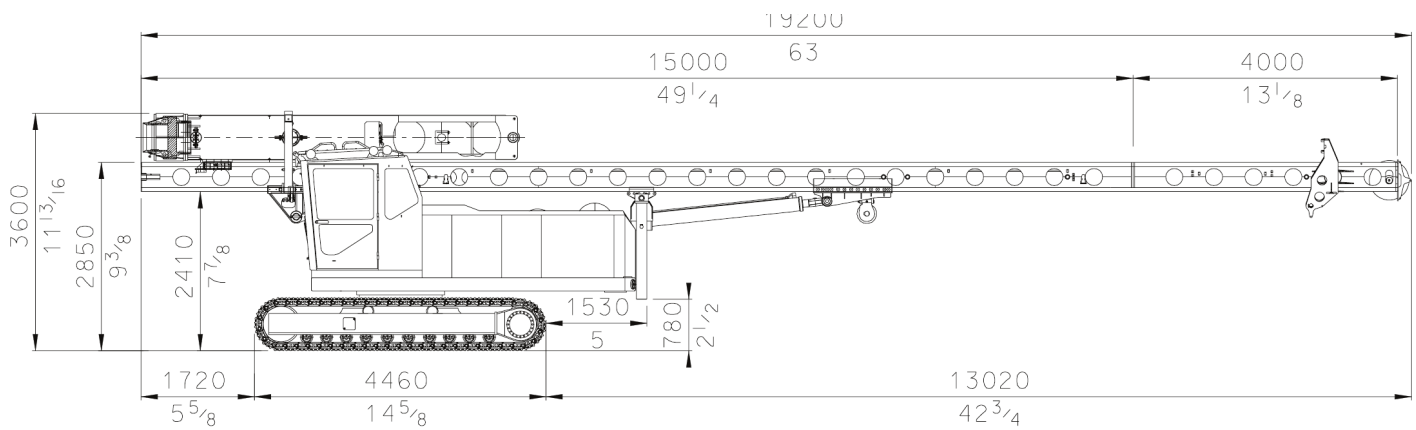
WORKING PLATFORM NOTE: bearing pressure and track reactions must be confirmed for the actual hammer, leader, accessories and operating case before platform design.

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PM16-A operating arrangement. Maximum pile length depends on the selected hammer and configuration.



TRANSPORT DIMENSIONS - STANDARD LEADER



JUNTAN PM16 with HHK 3A hammer transport dimensions with the standard leader.

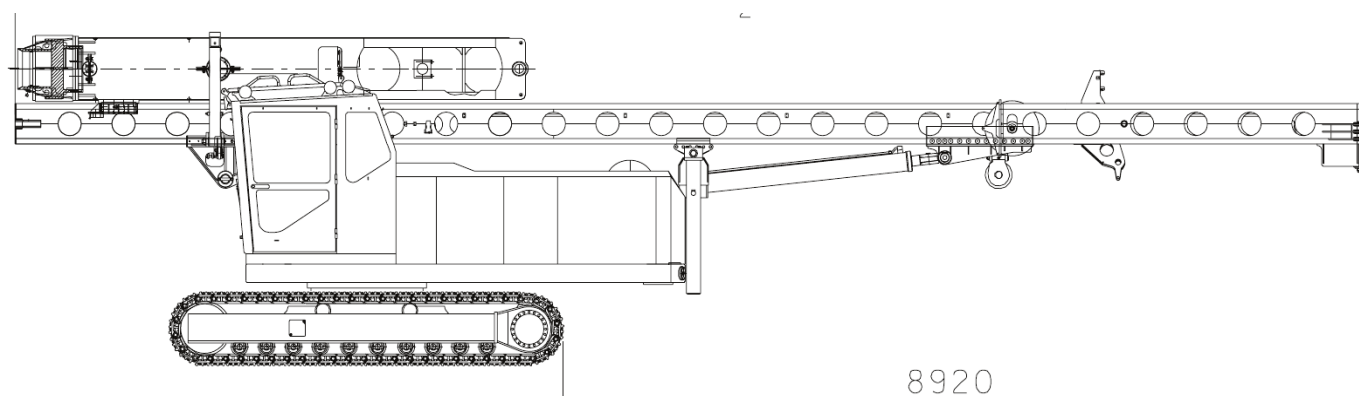
Transport item	Dimension
Overall transport length	19,200 mm
Maximum transport height	3,600 mm
Minimum track width	3,000 mm
Track shoe width shown	900 mm

Configuration shown: Junttan PM16 with HHK 3A hammer and standard leader. Confirm transport dimensions against the actual machine configuration before mobilisation.



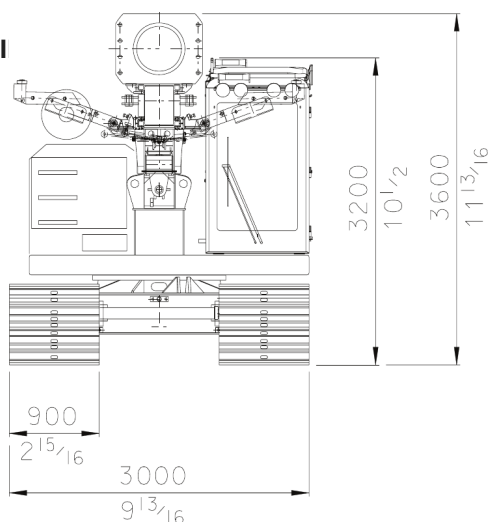
ALTERNATIVE TRANSPORT ARRANGEMENT

LEADER EQUIPPED WITH HINGE



Transport item	Dimension
Overall transport length	15,100 mm
Forward leader projection shown	8,920 mm
Crawler length	4,460 mm

FRONT VIEW - MINIMUM TRACK WIDTH

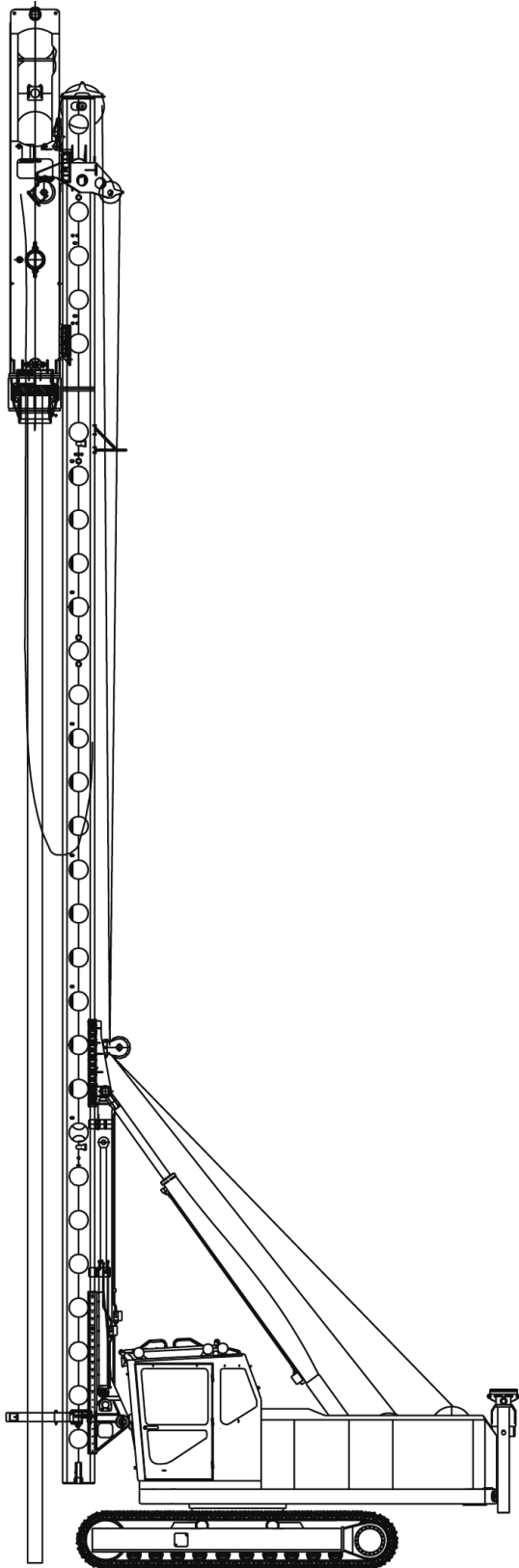


Minimum track width.

The hinged-leader arrangement can reduce the overall transport length. Transport planning must still confirm mass, axle loads, route restrictions and the exact fitted accessories.



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DRIVEN PILING SUPPORT

- Rig selection and buildability review
- Working platform loading information
- Driven pile design and installation
- Precast concrete, steel and timber piles
- Testing, records and construction support

Tel: 020 3051 8486

Email: enquiries@metropiling.co.uk

Website: www.metropiling.co.uk