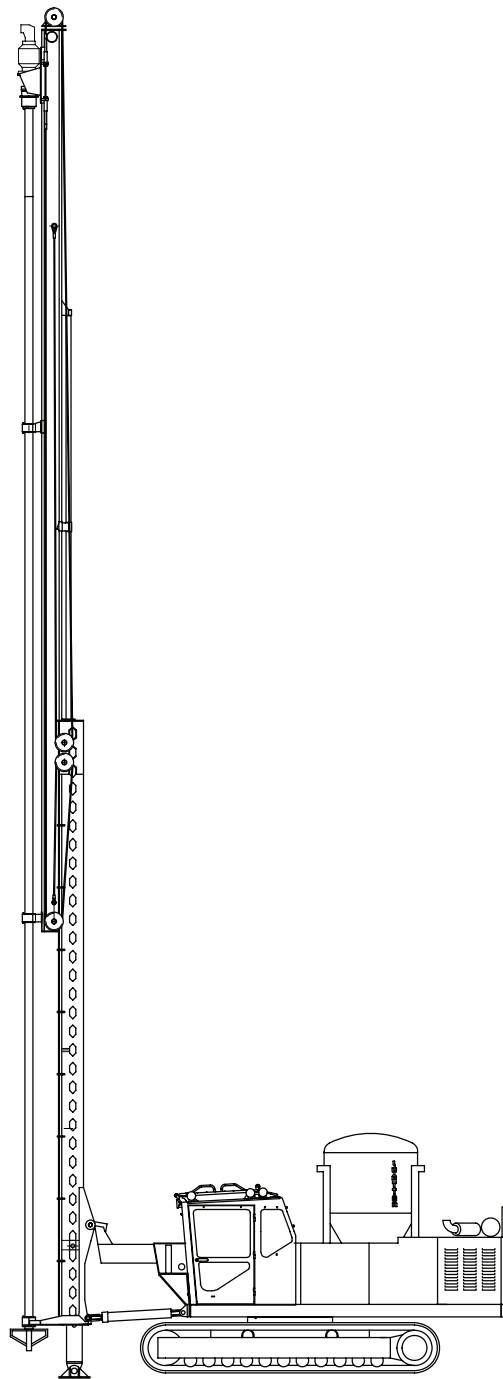


Junttan

DSx15
Deep Stabilisation Rig



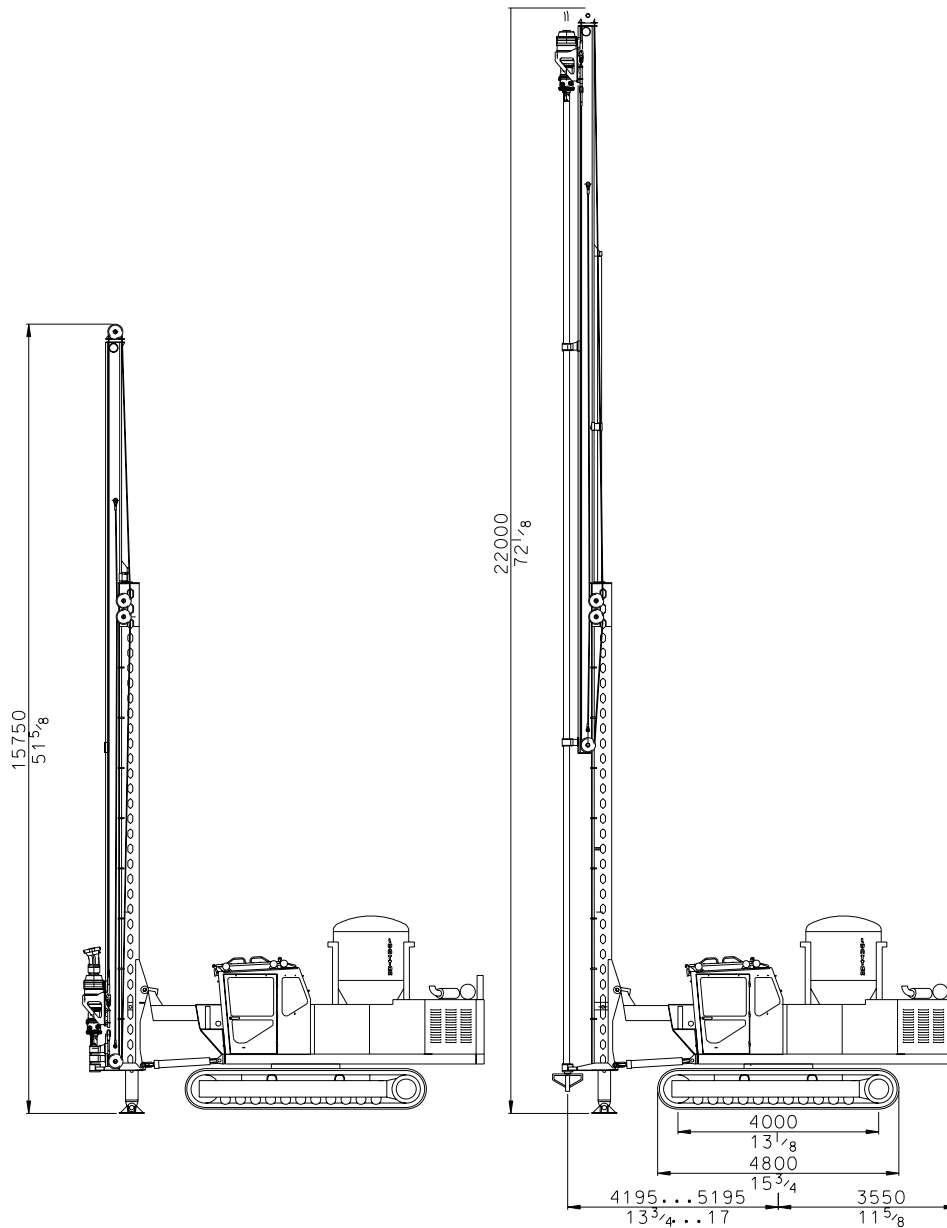
Original
Junttan
product

DATA SHEET

General Information

Junttan DS15 is a compact, light-weight stabilisation machine which was designed based on the Junttan piling machine. Single body crawler mounted machine is highly stable, exerts little ground pressure and is easy manoeuvred on soft ground. The machine contains two binding agent tanks placed close to the machine's centre of gravity. The maximum columns with this machine are 18 meters (708").

All exhaust air from the pneumatic system is filtered to avoid any environmental contamination. The cab intake air is filtered for the same reason. By using two tanks two different binding agents can be simultaneously at a constant ratio. This is highly useful when the binding agents inter-react and can be bought together at injection. Material to be injected is placed in a tank at the correct mix ratio, and the electronic control equipment monitors the amount of binding agent being used by meter, producing a computerised report of events. The injection tube is fed into the ground using the telescopic leader giving total control of the feed rate.



Technical Data

Basic features

Nominal operational weight		35 000 + (14 000)kg	lb
Winch capacity	Feeding:	8 000kg	lb
	Auxiliary:	1 800 kg	lb
Recommended Rotary head type		JDX2	
Maximum colume length (JDX2)		16/22/25 m	ft

Uppercarriage

Type	DSx15		
Engine	Type:	Cummins QSC8.3	
	Power:	227 kW	305 hp
	Fuel tank:	650 liters	gal
Hydraulic system	Max flow:	2x250 + (LS)2x200 lpm/2000rpm	gpm/2 000rpm
	Max pressure:	350 bar	psi
	Cooling cap.:	3x25kW (dT=30degC)	
	Oil tank:	740 liters	gal
Control system	Junttan DSX control system		
	Capacities:	10 000/10 000 kg	22 000/22 000 lb
Slew drive	Single drive, 1380mm single row slewing ring		

Leader

Type	DSx15		
Movements	Foot (up/down)	mm	in
	Horizontal	820 mm	in
Inclinations	According separate capacity tables Electronic inclinometer included		

Undercarriage

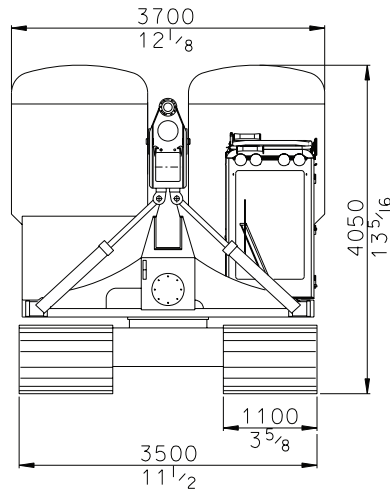
Type	DSx15		
Crawler length		4 700 mm	185 in
Crawler type		D57	
Width (900 shoes)	Min:	3 200 mm	126 in
	Max:	4 700 mm	185 in
Track shoe options	Width:	800/900/1 000 mm	31½/35½/39½ in
	Surface:	3-edge / flat edges / flat	
	Edge type:	normal / chamfer / bended	

Accessories

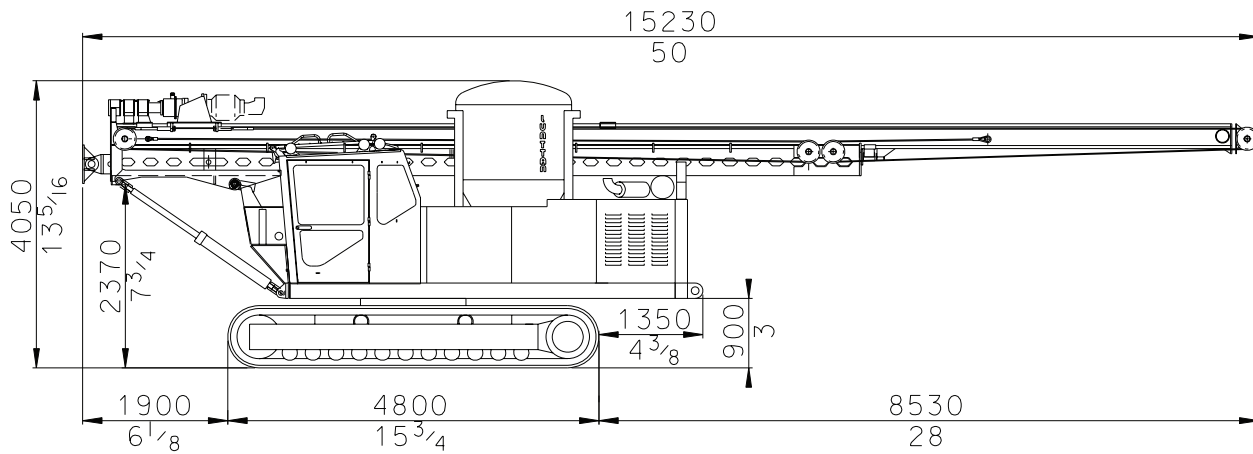
* Side cathead			* iPiler PCD
* Arctic kit (Heats: batteries, engine, h-oil)	JDX1,5		
* Rear support legs			
* Air conditioning			
* Fuel heater 9 kW			

* Contact Junttan sales for all available options and accessories

Transport Dimension



Width and height.



DS15 transport dimensions.

Junttan

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