

TROIDON 66 XP

Front Face Jumbo of two booms



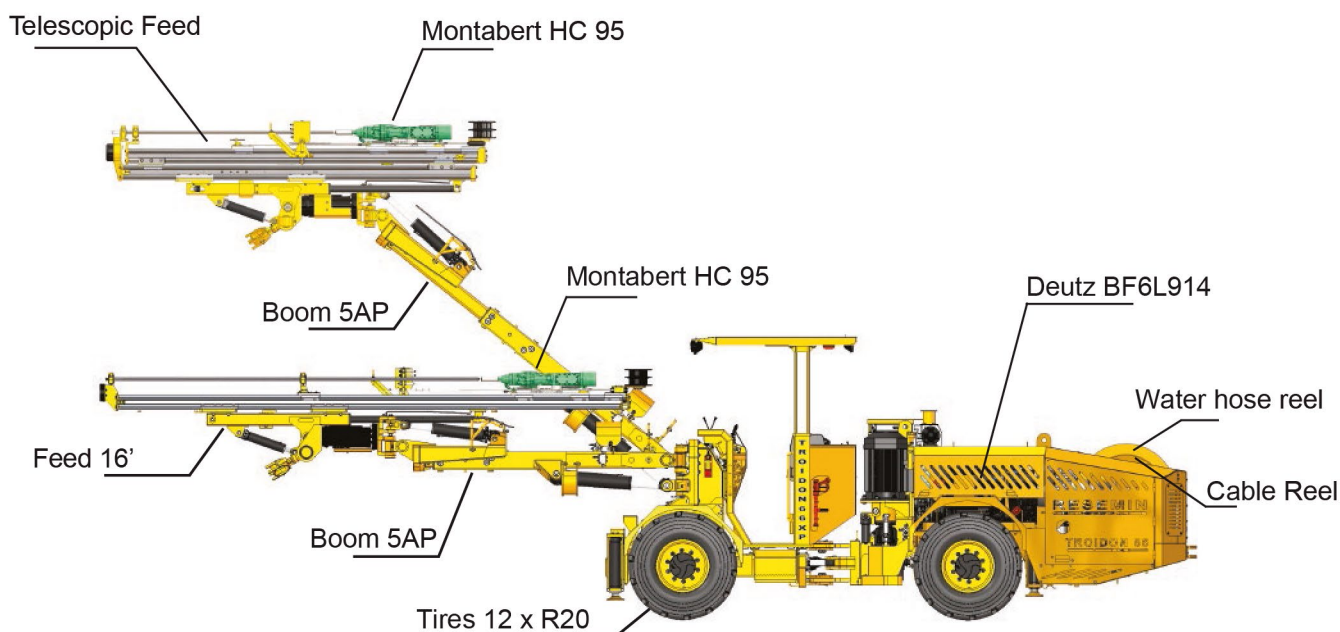
TROIDON 66 XP is an electro-hydraulic jumbo with two booms with automatic parallelism with coverage of 46 m² drilling.

It comes equipped with Montabert Drifters, model HC 95 with 22 kW, incorporating Back Hammering to prevent rods stuck.

Its design is modern and compact with all its main components “inside” of the rig.

The direct control hydraulic system with controls piloted hydraulically, makes to this rig highly reliable for operation. On the other hand, the HC 95 Drifter has the lowest operation cost of the market in its class.

SPECIFICATIONS



DRIFTER (2 Units)

• Model	Montabert HC95 - LM
• Percussion Power	22 kW
• Percussion pressure	180 bar
• Frequency Percussion	68 Hz
• Rotation speed	0 - 270 rpm
• Rotation Torque	750 Nm
• Hole diameter	51 - 75 mm
• Rhymed diameter	75 - 127 mm
• Lub air consumption	6 l/s (to 2.5 bar)
• Lub oil consumption	0.8 cc/min
• Water consumption	3 - 4 l/s (to 9 bar)
• Shank Adapter	T38, T45, Male
• Weight	185 kg
• Length with shank	1162 mm

FEED (2 Units)

• Model	RE 2500 Series
• Advance drilling	Hydraulic cylinder and steel rope
• Feed force	25 kN
• Feed extension	1290 mm
• Standard Feed	14 ft rods
• Options	16 ft rods
	8 - 14 Telescopic feed

CARRIER

• Model	C77
• Diesel Engine	Deutz BF6L914
• Power	112 kW @ 2300 rpm
• Exhaust catalyst	Standard
• Transmission	Hydrodynamics
• Powershift gearbox	Dana, T20000
• Axle front / rear	Dana, Serie 113
• Rear axle Oscillating	± 8°
• Positioning pump	Parker, P315 B
• Service brakes	Separate
• Emergency and parking brakes	SAHR (Spring Applied Hydraulic Release)
• Tyres	12.00 R 20
• Steering (articulated carrier)	±41°
• Hydraulic jacks	2 extendable front, 2 rear
• Battery	2x12 V, 90 Ah
• Electric system	24 VDC
• Gradeability	15%
• Canopy	FOPS / ROPS
• Trimming lights	8X, Halógeno 65W HD, 24 V
• Centralized Lubrication System	SKF
• Drilling Lubrication System	SKF
• Automatic fire suppression system	ANSUL, 6 nozzles
• Fire extinguisher	1x6kg, Type ABC
• High-pressure washing system	
• Reel grease gun	

HYDRAULIC CONTROL SYSTEM (2 Units)

• Direct Control Valve	Montabert Intelsense II Parker K18
• Percussion pump (compensated pressure)	Rexroth A10V0100
• Rotation Pump	Parker PG315
• Work pressure	180 bar
• Hydraulic oil tank	170 l
• Hydraulic return filter	Parker, 20µ
• Hydraulic high filter	Parker, 10µ
• Saturation hydraulic filter indicator	Parker
• Indicator of low oil	Hydac
• Indicator temperature oil	Hydac

ELECTRIC SYSTEM

• Electric motor	ABB - 75kW / 100 HP
• Voltage	380 - 440 - 550 - 690 - 1000 VAC
• Frequency	50 - 60 Hz
• Starting method	Star - Delta
• Option to 1000 VAC	Direct start
• Overload protection and ground fault	Schneider, Module Vigi
• Percussion hour meter	In the control panel
• Phase sequence indicator	Siemens
• Battery charger	32 VAC, 300W, 13A
• Electric transformer	3,5 kVA
• Work Lights	2X LED N44, 50W, 6700 lm, 24 V
• Electric wire reel	90 m
• Electric wire	3X4/0 - AWG (65 mm)
• Protection degree	IP 55

BRAZO (2 Units)

• Model	Boom 5AP
• Automatic parallelism	
• Coverage area	46 m ²
• Boom Extension	1200 mm
• Angle lift	+65° / -20°
• Swing angle	± 30°
• Rotation angle	360°
• Hydraulic cylinders	Parker

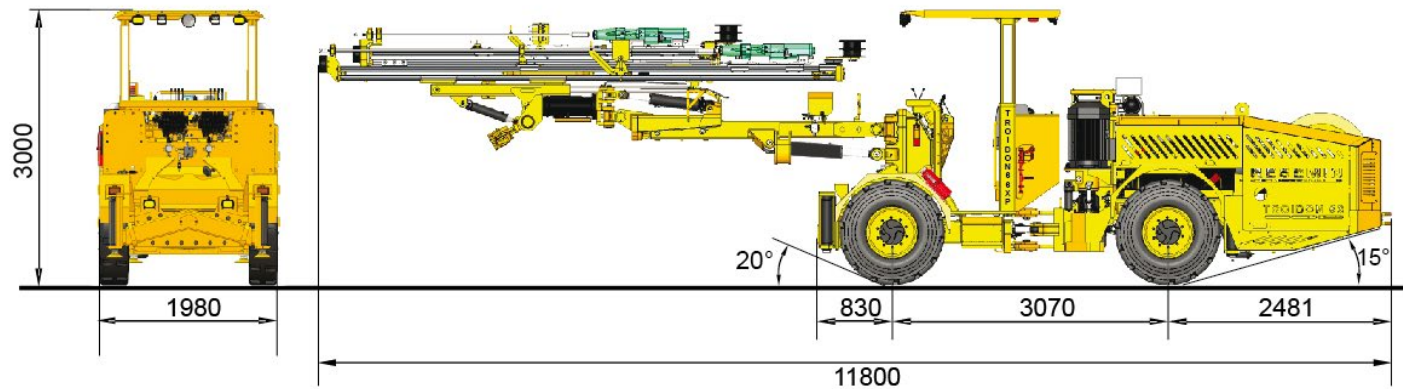
WATER AND AIR SYSTEM

• Compressor	AC, LE7-10
• Maximum capacity	28 CFM
• Work pressure	10 Bar
• Water pump with hydraulic motor	Grundfoss, CR5 - 9
• Maximum flow at 8 Bar	6.9 m ³ /h
• Minimum inlet pressure	2 Bar
• Cooler Thermal Transfer	EK 1018T, 80 GPM, 34 Bar
• Air tank	60 l



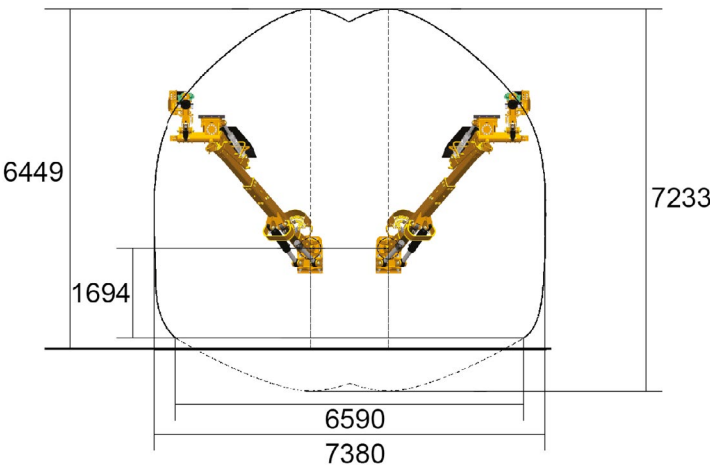
DIMENSIONS

Alt. Max. 3020
Alt. Min. :2300

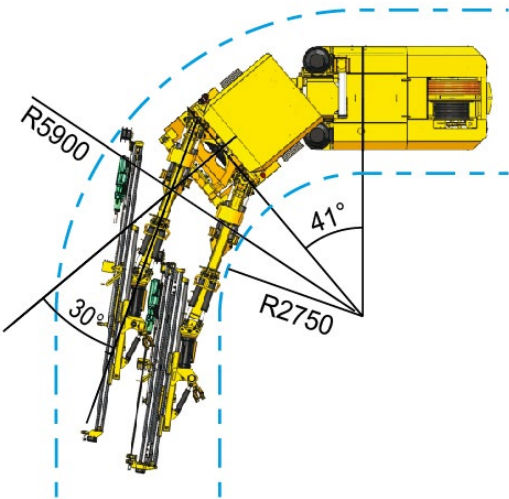


Total weight	20,140 Kg.
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COVERAGE AREA



TURN RADIO



Option: Closed cab with Air Conditioning

