

TROIDON 66 XP

Front Face Jumbo of two booms



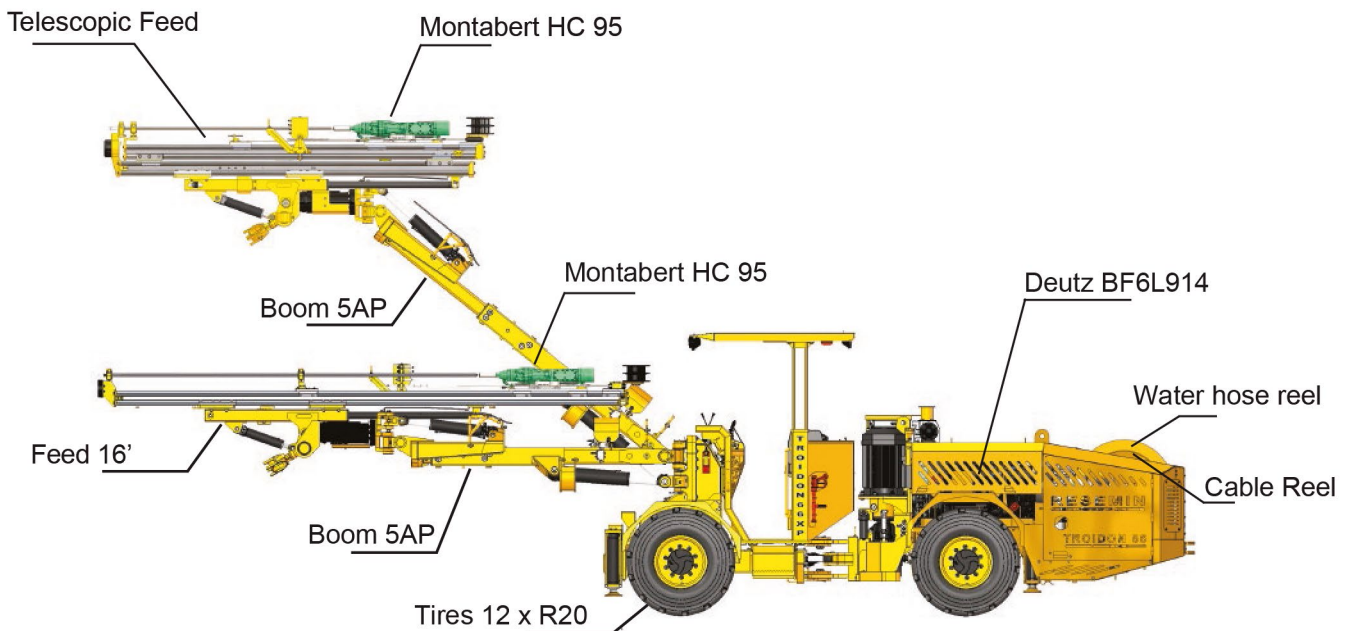
TROIDON 66 XP is an electro-hydraulic jumbo with two booms with automatic parallelism with coverage of 46 m² drilling.

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, Tier III |
| • 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 | Parker KA-18 |
| • Percussion pump (compensated pressure) | Rexroth A10VO100 |
| • Triple pump | Parker PGP620 |
| • Working pressure | 180 bar |
| • Hydraulic oil tank volume | 170 l |
| • Hydraulic return filter | Parker, 20µ |
| • Hydraulic pressure 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 |
| • Voltages | 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 |
| • Working lights | 2X LED N44, 50W, 6700 lm, 24 V |
| • Electric cable reel | 65 m |
| • Electric cable | 3X4/0 - AWG (95 mm) |
| • Electric panel | Protection degree IP 55 |

BOOM (2 units)

| | |
|-------------------------|-------------------|
| • Model | Boom 5AP |
| • Automatic parallelism | |
| • Coverage area | 46 m ² |
| • Boom extension | 1200 mm |
| • Angle lift | +60° / -27° |
| • Swing angle | ± 30° |
| • Feed roll-over | 360° |
| • Hydraulic cylinders | Parker |

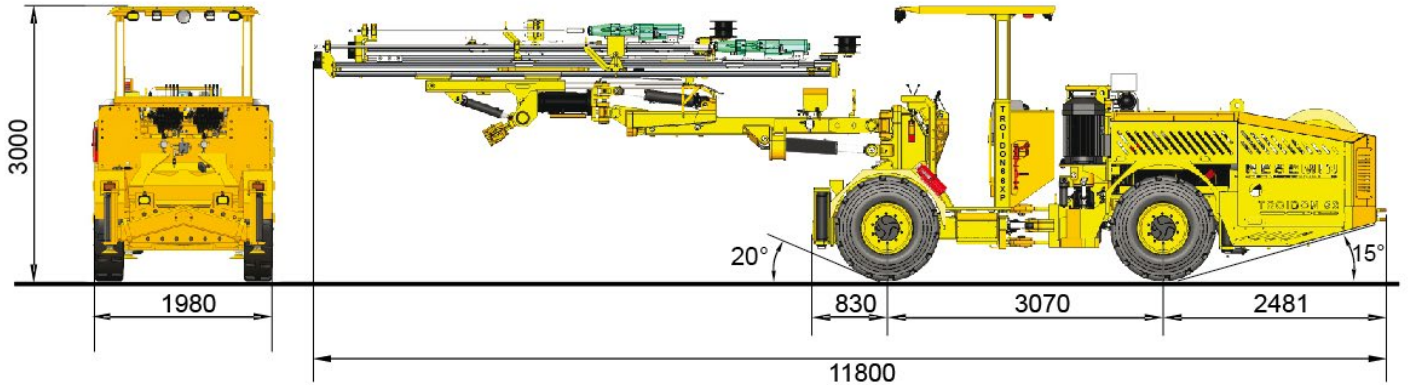
WATER AND AIR SYSTEM

| | |
|-----------------------------------|------------------------|
| • Compressor | LE7-10UV |
| • Maximum capacity | 28 CFM |
| • Working pressure | 10 bar |
| • Water pump with hydraulic motor | Grundfoss, CR10 - 10 |
| • Maximum capacity | 12.1 m ³ /h |
| • Minimum inlet pressure | 2 bar |
| • Cooler thermal transfer | EC-1236 |
| • Air tank | 60 l |



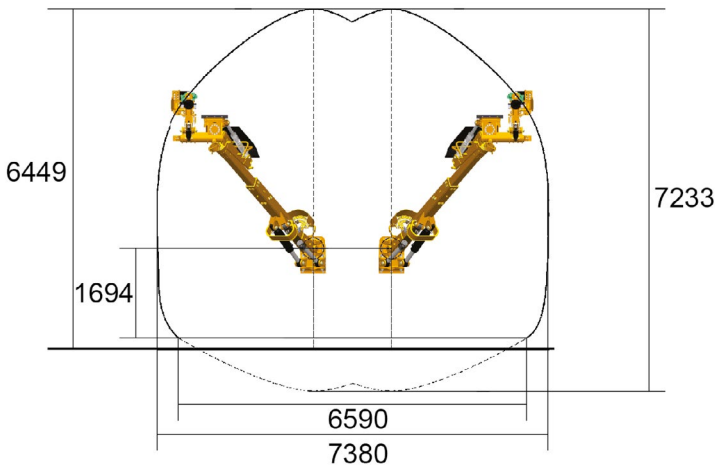
DIMENSIONS

Alt. Max. 3020
Alt. Min. :2300

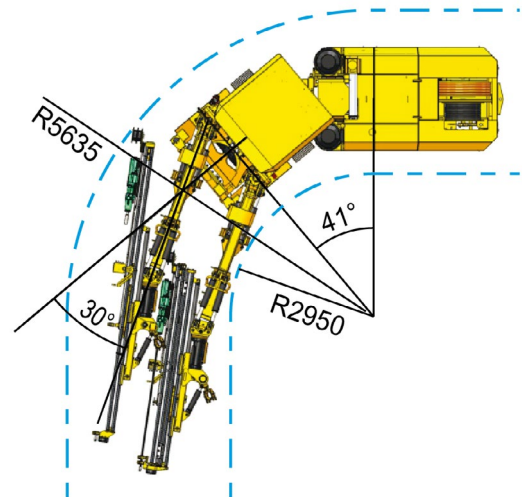


| | |
|--------------|------------|
| Total weight | 20,500 Kg. |
|--------------|------------|

COVERAGE AREA



TURN RADIO



Option: Closed cab with Air Conditioning

