

Tamrock Tiger: a self-contained

Hydraulic rock drill

Rock Drill Type	HL 500
Drill Rod Diameters	1 1/4", 1 1/2"
Operating Pressure	1100-2500 psi
Percussion Rate	3700 blows/min.
Impact Power	21 hp
Maximum Torque	405 ft-lbs
Shank Lubrication	Grease
Weight	200 lbs

Chain feed

Chain Feed Type	KS 140 H12
Hook Drill Travel	14"
(maximum length of starter rod - 15")	
Feed Tilt	11° - 133°
Feed Swing	41.5° - 41.5°
Feed Extension Travel	4' 5"
Length of Feed	17' 11"
Feed Pull Out Force	35,200 lbs
Retaining Centration	Photo 12H

Rod rack - (manual)

Storage capacity	4+1 rods
Steel length	12'

Boom

Telescoping Boom Type	ZB 500H
Boom Extension	4'
Boom Coverage on flat	137 sq-ft
Boom Lift	+60°/-17°
Boom Swing	50°/55°
Collaring Height	9' 2" / 13' 9"
Reach Outside Tracks	8' 5" / 10'

Carrier

Track Type	FL 6
Grouser Plate Width	12.2"
Ground Pressure	10.53 psi
Ground Clearance	16"
Skid Pan	3/8" Mild Steel
Track Oscillation	+16°/-10°
Tractioning Force	22,900 lbs Drawbar Pull
Gradeability	40° (84%)
Tractioning Speed	0.8 mph low/2.2 mph high

Powerpack

Engine Type	Cat 3116 DiT
Number of Cylinders	6 cyl.
Engine Output	158 HP/2150 RPM
Transmission Type	Clutch/Gear Box
Hydraulic Pumps	3 section gear type
Compressor Type	Tamrock Screw 190 DA
Air Flushing Capacity	195 CFM
Flushing Air Pressure	Up to 100 PSI
Compressor Air Cleaner	3 Stage
Engine Air Cleaner	3 Stage
Powerpack Weight	2,245.5 lbs.
Fuel Tank Capacity	85 gal.

Hydraulic system

Control Panel Type	Tamrock TDC II
Control System	Hydraulic/Direct
AntiJamming System	Slipless
Oil Cooling Capacity	130° F Ambient
Filtration Rate Required	12 micron absolute
Shank Lubrication	Greased Front End
Hydraulic Oil Tank	66 gal.
Rubber Hosing	2 Wire Braid w/JIC Fittings

Dust collection system

Fines Collector Type	DC 500H
Filter Elements/Material	12 pcs/Fiber
Total Surface Area	100 sq-ft
Filtration Capacity	5 micron
Suction Capacity	600 cfm
Suction Vacuum	39 in. water column
Hydraulic Motor Output	10.8 hp
Suction Head	PE 90S
Fines Collector Weight	Weight 420 lbs.

Shipping dimensions

Weight	25,300 lbs
Length	30' 2"
Width	7' 11"
Height	8' 5"