

Technical Specifications

Hole range : Φ 115 – 152 mm
 Best DTH hammer sizes: 4" / 5"
Drill pipe handling capacity: 6 + 1
 Drill pipe outer diameter: Φ 102 mm
 Drill pipe length: 5 m (optional 6 m or 7 m)
 Maximum hole depth w/ Automatic handling: 35 m
Hydraulic driven rotary head
 Rotation speed: 0 – 105 rpm
 Maximum torque: 4,435 N.m
 Engine: Cummins QSL8.9
 Rated power: 264 kW (385 hp) @ 1,900 rpm
 Emission standard: Tier III / Euro stage IIIA compliance
Fuel tank
 Capacity: 750 L
 Air compressor: JE
 Maximum working pressure: 21 bar (305 psi)
 Rated FAD: 19 m³ / min
Boom type
 Heavy duty single boom
Feed beam:
 High strength aluminum alloy
 Hydraulic cylinder – steel rope feeding system
 Total length: 9,000 mm
 Travel length: 5,600 mm
 Feed extension: 1,300 mm
 Maximum feeding rate: 0.88 m / s
 Maximum feed force: 34.5 kN
 Maximum pullback force: 67.6 kN
Track frame: with oscillation
 Max Trimming speed: 3 km / h
 Max Traction force: 156.2 kN
 Hill climbing ability: 25°
 Track frame oscillation angle: $\pm 10^\circ$
 Ground clearance: 420 mm
Transport dimensions (w/o options) , approx.
 Weight: 22,000 kg
 Length: 11,550 mm
 Width: 2,700 mm
 Height: 3,560 mm

Standard configuration

- Cummins engine QSL8.9 Power 264 kW
- JiuE air compressor 19 m³ / min / 21 bar
- Cooling system up to 50 °C ambient temperature
- Automatic drill pipe handling system
- Retractable dust hood for hole collaring accuracy
- Dust pre-separator
- Dry dust collector with filter element automatic continuous cleaning
- Hydraulic motor driven rotary head
- Feed beam extension compensation mechanism
- High strength aluminum alloy feed beam
- DTH hammer lubricator
- Floating hose reel and follower
- Safety cab with air conditioning / heating, rear view mirrors and multi-angle adjustable operator seat, etc.
- Noise level \leq 80 dB (A), ergonomic designed operating joystick on the armrest of the seat
- Dual-speed hydraulic tramping motor
- Heavy-duty track frame with triple-grouser shoes
- Hydraulic drill pipe guide and break-out mechanical arm
- Fuel saving (automatic unloading during impact pressure idling, automatic engine rpm control, etc.)
- Backup alarm
- Working lights
- Automatic emergency shut-down
- Manual pump for hydraulic oil refill with filter
- Hydraulic drill pipe clamp

Optional components

- Auto anti-jamming system
- Water-mist dust collection system
- Remote intelligent management system
- High altitude package
- Cold weather kit
- Electrical pump for fuel refill

STEINER



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YÜZEY DELİCİ
D460A

Reasonable choice for users with operation efficiency and stability concerns:

Top performer! Sound investment!

Floating hose reel 1

The patented floating hose reel avoiding deformation point of hose and for longer hose service life.

High-strength aluminum alloy feed beam 2

Standard configured 5 – meter drill pipe with high-strength aluminum alloy feed beam and stainless steel protective cover, light weight, durable and efficient.

New breakout table 4

New breakout table for pipe handling for better sight and operation convenience!

Hydraulic cylinder-steel wire rope feeding 3

Hydraulic cylinder – steel wire rope feeding for precision feed control and high torque rotary head for smooth movement.

User-friendly safety cab 5



Wide view, user-friendly cab for safety with optional front window guardrail.

Strong traction force 6



- Heavy duty track chassis, track frame hydraulic oscillation angle $\pm 10^\circ$
- Strong traction force, high ground clearance and good off-road performance.

Dust collection system 7



- two-stage dust collection technology, industry leading. Large dust filter area and filter element automatic continuous self-cleaning.
- Dust filter elements easily removed with high efficient maintenance.
- Retractable dust collection hood for operator clear observation of collaring operation during collaring process.

