

HIGH PERFORMANCE LONG LIFE RELIABILITY

A NEW GENERATION OF ROCK DRILLS DESIGNED FOR LONG SERVICE LIFE, HIGH PERFORMANCE AND RELIABLE OPERATION IN UNDERGROUND MINE DRIFTING APPLICATIONS.

DRIFTER COPMD20

All hydraulic hoses connected in the rear part of the rock drill

Sealed off mating surfaces



Dual dampening system

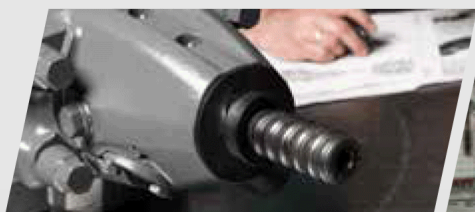
Few rigid housing parts

+ MAIN BENEFITS

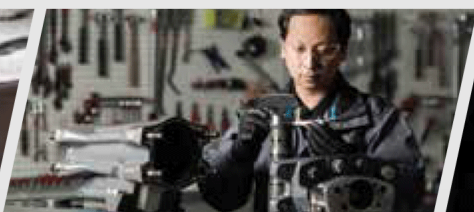
Low running cost - robust design with sealed off mating surfaces and an increased recommended service intervall.

High productivity - fine-tuned for optimized blast- and bolt hole drilling.

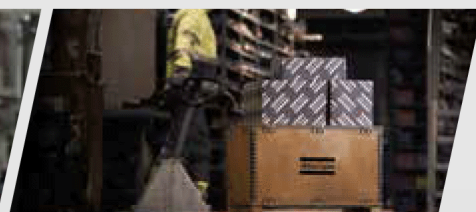
Low cost for drilling tools - due to optimized dual dampening system.



The heavy-duty front head design makes this rock drill optimal for face drilling.



Service tools are available to facilitate precise and correct machine maintenance ensuring equipment safety and perform-



Major and minor preventative maintenance kits are available for maintenance ease, and to ensure optimized rock drill service life.

DIMENSIONS AND WEIGHT

| | |
|------------------------------|-------------------|
| Weight | 186 kg (410 lb) |
| Length without shank adapter | 915 mm (3 ft) |
| Width including connectors | 254 mm (10 inch) |
| Height | 238 mm (9.4 inch) |
| Height over drill center | 93 mm (3.7 inch) |

IMPACT RATINGS

| | |
|------------------------------|-------------------------------|
| Impact power (maximum) | 20 kW (26.8 hp) |
| Impact frequency | 80 Hz |
| Flow rate | 75 – 92 l/min (2.6 – 3.2 cfm) |
| Hydraulic pressure (maximum) | 225 bar (3300 psi) |

ROTATION MOTORS

| | |
|----------------------------|----------------------|
| Type | 07 (160 cc) |
| Rotation range | 0 – 215 rpm |
| Torque (maximum) | 1000 Nm (737 lbf-ft) |
| Working pressure (maximum) | 210 bar (3046 psi) |
| Oil consumption | 75 l/min (2.6 cfm) |

FLUSHING FLOW AND PRESSURE

| | |
|-----------------------------------|------------------------------|
| Flushing water pressure (maximum) | 25 bar (362.6 psi) |
| Flushing water consumption* | 55 – 120 l/min (2 – 4.3 cfm) |

* Flushing water consumption depends strongly upon hole diamater, bit type, drill rod size and rock hardness. The figures above are typical values for spherical button bits in granite 200 Mpa (36,250 psi).

DAMPENING SYSTEM AND LUBRICATION

| | |
|--|---------------------------|
| Lubricating air consumption at 2 – 3 bar (29 – 44 psi) | 6 – 8 l/s (12.7 – 17 cfm) |
| Damper flow | 8 l/min (0.28 cfm) |
| Gear lubrication | Hydraulic oil |

SERVICE KITS

| | |
|----------------------------------|--------------|
| Front seal kit | 3115 9011 83 |
| Seal kit | 3115 9011 84 |
| Minor preventive maintenance kit | 3115 9011 85 |
| Major preventive maintenance kit | 3115 9011 86 |

SHANK ADAPTERS

| | Drifting | Extension drilling |
|--------------------------|----------|--------------------|
| R38 | 90029541 | 90029542 |
| T38 (Secoroc prod. n.o.) | 90029126 | 90029342 |