

SUPERIOR PERFORMANCE

EXTENSIVE ENGINEERING AND DESIGN WORK WAS DONE TO ENSURE SUPERIOR OPERATION OF THE COP 4050ME.



High efficiency percussive mechanism

Powerful hydraulic extractor

Dual dampening system

DRIFTER COP4050MUX



MAIN BENEFITS

Environmental sustainability: sustained performance with decreased power requirements

Risk reduction: practically eliminates the risk of losing the drill string if it is stuck

Reliability: with increased drill steel life length, and rock drill service interval

Designed for safe and reliable operation



Easily updated for drilling in different rock conditions and drilling parameters, with easy to change stroke settings.



Service tools are available to facilitate precise and correct machine maintenance ensuring equipment safety and performance.



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

DIMENSIONS AND WEIGHT

Weight	450 kg (992 lb)
Length without shank adapter	1530 mm (5 ft 6 inch)
Width including connectors	380 mm (1 ft 4 inch)
Height	355 mm (1 ft 3 inch)
Height over drill center	205 mm (8 inch)

IMPACT RATINGS

Impact power, max	40 kW (53 hp)
Input power to rock drill, max	80 kW (107 hp)
Hydraulic pressure, max	230 bar (3335 psi)
Flow rate	200 l/min (7 cfm)
Impact frequency	53 - 62 Hz

ROTATION

	05 (100 cc)	06 (125 cc)	07 (160 cc)
Rotation range	0 - 450 rpm	0 - 360 rpm	0 - 280 rpm
Torque, max	400 Nm (295 lbf-ft)	500 Nm (369 lbf-ft)	650 Nm (480 lbf-ft)
Working pressure, max	140 bar (2030 psi)	140 bar (2030 psi)	140 bar (2030 psi)
Oil consumption	100 l/min (3.5 cfm)	100 l/min (3.5 cfm)	100 l/min (3.5 cfm)

FLUSHING FLOW AND PRESSURE

Flushing water pressure, max	20 / 12 bar (290 - 174 psi)
Lubricating air consumption at 2 bar (29 psi)	4 bar (58 psi)
Flushing water consumption*	130 - 200 l/min (4.5 - 7 cfm)

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