



DISCOVERY UG 75 HP COMPACT
Underground Diamond Core Drill

MULTI▶POWER

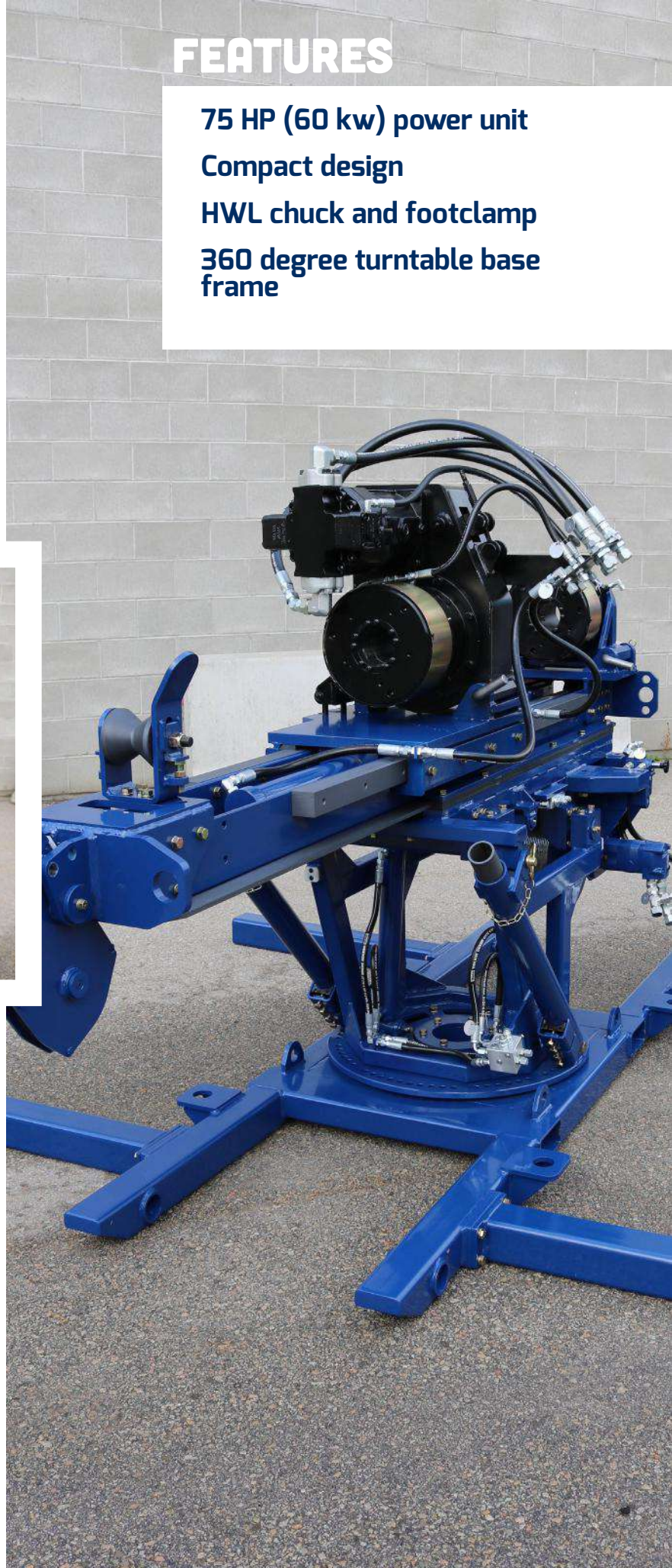
FEATURES

75 HP (60 kw) power unit

Compact design

HWL chuck and footclamp

360 degree turntable base frame



Discovery UG 75 HP Compact – Underground Diamond Core Drill

SPECIFICATIONS

DEPTH CAPACITIES: Based on max pullback & a 25% safety factor

B	2296 ft / 700 m
N	1640 ft / 500 m
H	1100 ft / 335 m

PRIME MOVER

Standard unit	WEG electric motor (TEFC)
Power:	75 HP (60 kw) @ 1780 RPM
Voltage:	230 / 460 V 60 Hz 3 Phase* *Alternate voltage available upon request

ROTATION UNIT

Standard unit	LW drill head c/w Christensen style "H" chuck
Maximum opening:	3-1/2" (H size)
RPM:	1400 RPM
Torque:	1500 ft lbs
Chuck:	35,000 lbs capacity
Hydraulic motor:	Rexroth 160cc variable speed/torque piston motor

FOOTCLAMP

Standard unit	Christensen style "H" Clamp
Maximum opening:	3-1/2" (H size)

MAST AND FEED

Feed stroke:	42"
Pullback:	14,726 lbs
Feedforce:	7,510 lbs
Drill angle:	360 degree (All positive and negative hole angles)
Mast extension:	10 ft rod pull capacity
Mast dump:	36"
Base frame:	360 degree turntable design

WATER PUMP

Standard unit	L0918B-CD (420) piston pump
Capacity:	27 GPM @ 700 PSI

WINCHES

Wireline winch	Hydraulic motor direct drive
Capacity:	2000 ft of 3/16" cable

POWER UNIT MODULE

Design	Hydraulic motor direct drive
Wheels	(2) removable pneumatic tires
Towing	Removable tow bar w/ leveling hand jack
Hydraulic connections	Flush face quick couplers

HYDRAULIC SYSTEM

Controls:	Fully hydraulic, no electronics
Rod handling:	Synchronized chuck & footclamp w/ chuck and clamp control
System pressure:	4000 PSI
Filtration:	10 micron
Components:	Sauer Danfoss, Valvoil, Rexroth & Parker
Heat exchanger:	Air:oil

INCLUDED COMPONENTS

Mud mixer c/w whip lines
2000 ft of W/L cable
1 set of rod and casing jaws/bushings

WEIGHT 5650 LBS

OPTIONS

Tracked carrier
Level wind winch
Mud tank
French/Spanish labels & manual



Diamond Core



Seismic



Air Rotary



Specialty &
Multi-Purpose

MULTI POWER PRODUCTS LTD

975 CROWLEY AVENUE
KELOWNA BC CANADA
V1Y 9R6

P 250.860.6969
F 250.860.3340

MULTIPOWERPRODUCTS.COM

MULTI▶POWER

MULTIPOWERPRODUCTS.COM