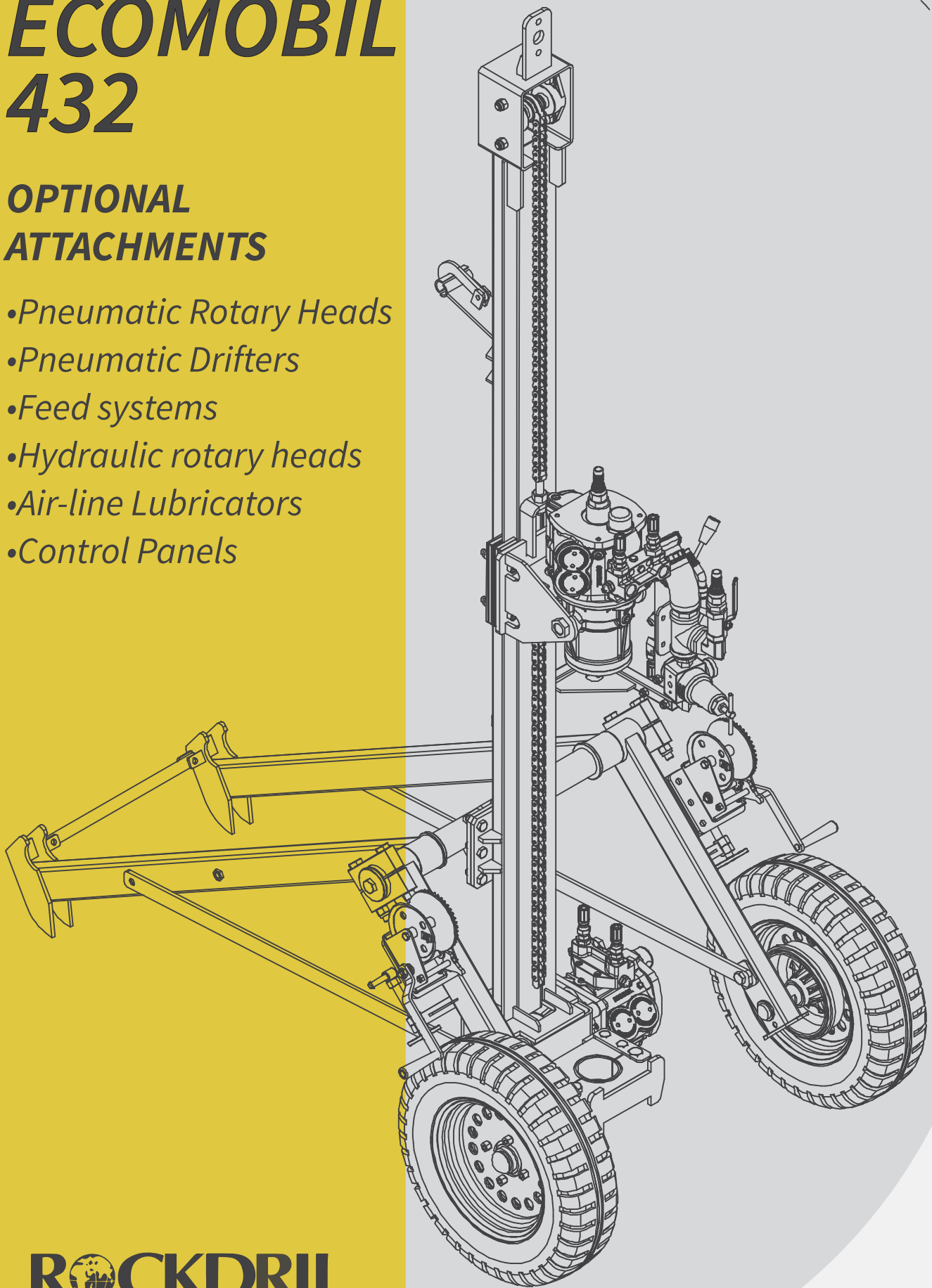


ECOMOBIL 432

OPTIONAL ATTACHMENTS

- Pneumatic Rotary Heads
- Pneumatic Drifters
- Feed systems
- Hydraulic rotary heads
- Air-line Lubricators
- Control Panels



ROCKDRIL

www.rockdril-intl.com

INDEX

<i>PNEUMATIC ROTARY HEADS</i>	<i>2</i>
<i>PNEUMATIC DRIFTERS</i>	<i>3</i>
<i>FEED SYSTEMS.....</i>	<i>4</i>
<i>HYDRAULIC ROTARY HEADS</i>	<i>5</i>
<i>LUBRICATORS</i>	<i>6</i>
<i>CONTROL PANELS.....</i>	<i>7</i>



‘SCAN’



PNEUMATIC ROTARY HEADS

Rockdril pneumatic rotary heads are high torque , low speed, compact and light units designed for a variety of applications such as Rotary/DTH hammer blast hole drilling, anchor drilling, civil engineering works and so on.



MAIN BENEFITS

- **DETACHABLE MAST:** The mast can be de-tached from the main chassis to fit on scaffolding or custom-made chassis.
- **EASILY CONVERTED:** Bolt-on attachments make it easy for the ECOMOBIL- 432 to switch between rockdrills or rotary heads.
- **VERSATILITY:** Easily converted from water flushing to air blowing.
- **V-4 DESIGN:** Designed as 4 piston V-Shape motors available with several types of gearbox which have numerous advantages over other common pneumatic motor types. This allows for an unlimited number and sudden start-stop motions as well as unlimited and sudden changes in left/right rotation without worrying about motor damage.

ADVANTAGES OF OUR PNEUMATIC ROTARY HEADS

- The units do not get damaged with over-loads.
- The units do not get affected by heat, humidity, corrosive substances.
- The units are explosion proof.
- The units have a great amount of power when compared to its weight and dimensions.

- They are environmentally friendly and can work in extreme environments.

ADVANTAGES OVER HYDRAULIC MOTORS ARE:

- Full time heat dissipation, even trough long working periods.
- Air hoses are lighter than hydraulic hoses.
- Can be used over long distances (kilometers) by only using air hoses.
- Do not require a return line.
- Can work with heavy loads trough all their rpm speeds (as rated).
- Works with clean compressed air instead of syntethic fluids which is environmentally friendly.

CD2R



WEIGHT 29 kg	TORQUE 650 Nm
RPM 0-60	AIR CUNSUMPTION 2000 l/min
THREAD RD40	MAX PRESSURE 7 Bar

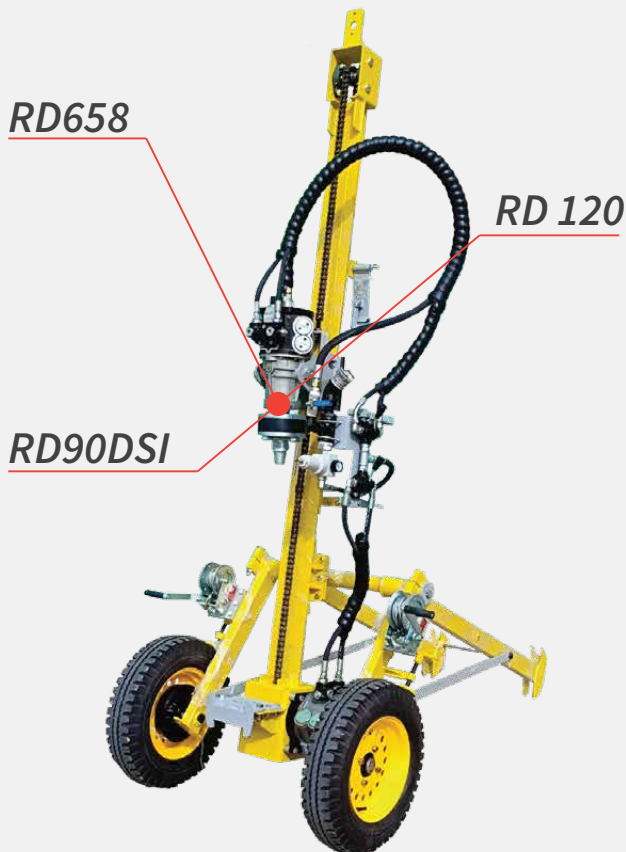
CDRHD



WEIGHT 41 kg	TORQUE 780 Nm
RPM 0-50	AIR CUNSUMPTION 2000 l/min
THREAD RD50	MAX PRESSURE 7 Bar

PNEUMATIC DRIFTERS

ROCKDRIL also offers a range of pneumatic drills and accessories for the ECOMOBIL-432 Series to meet all your drilling needs at an affordable cost.



MAIN BENEFITS

- **DETACHABLE MAST:** The mast can be de-tached from the main chassis to fit on scaffolding or custom-made chassis.
- **EASILY CONVERTED:** Bolt-on attachments make it easy for the ECOMOBIL-432 to switch between rockdrills or rotary heads.
- **REMOTE CONTROLLED:** Rifle-bar actuated rotation
- **VERSATILITY:** Easily converted from water flushing to air blowing.
- **DURABILITY:** Hoses can be placed on either side to protect from unintentional abuse.

RD 658



WEIGHT
24 kg

AIR CONSUMPTION
3,460 l/min

SHANK SIZE
22 x 108

PISTON DIAMETER
65 mm

RD 90DSI




WEIGHT
35 kg

AIR CONSUMPTION
4200 l/min

SHANK SIZE
22 x 108

PISTON DIAMETER
90 mm

RD 120



WEIGHT
69 kg

AIR CONSUMPTION
10,000 l/min

SHANK SIZE
R25 - R32 - T38

PISTON DIAMETER
120 mm

FEED SYSTEM

ROCKDRIL offers hydraulic or pneumatic feed systems for the ECOMOBIL-432 series to match the hydraulic or pneumatic rotary head or drifter being used.

MAIN BENEFITS

- **EASILY CONVERTED:** Bolt-on attachments make it easy for the ECOMOBIL-432 to switch between hydraulic or pneumatic feed systems.



CD2A

RD245

CD2A



WEIGHT 29 kg	TORQUE 650 Nm
RPM 0-60	AIR CONSUMPTION 2000 l/min
PULL UP FORCE 600 KG	MAX PRESSURE 7 Bar

RD245



(HYDRAULIC POWER PACK REQUIRED)

WEIGHT 10 kg	PULL UP FORCE 650 KG
------------------------	--------------------------------

(OTHERS AVAILABLE UPON REQUEST)

HYDRAULIC ROTARY HEADS

(HYDRAULIC POWER PACK REQUIRED)

ROCKDRIL also offers a range of gear-less hydraulic rotary heads for all your drilling needs at an affordable cost.



RD40

RD40s

MAIN BENEFITS

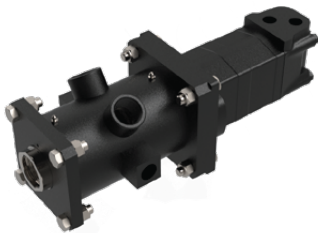
- **DETACHABLE MAST:** The mast can be de-tached from the main chassis to fit on scaffolding or custom-made chassis.
- **EASILY CONVERTED:** Bolt-on attachments make it easy for the ECOMOBIL- 432 to switch between rockdrills or rotary heads.
- **VERSATILITY:** Easily converted from water flushing to air blowing.
- **GEAR-LESS DESIGN:** Designed without gears to extend service life and prevent unnecessary wear and tear caused by gears.

RD40s

WEIGHT
27 kg

RPM
0-100

TORQUE
682 Nm



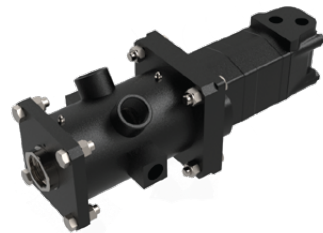
(OTHERS AVAILABLE UPON REQUEST)

RD40

WEIGHT
27 kg

RPM
0-50

TORQUE
820 Nm



(OTHERS AVAILABLE UPON REQUEST)

MAN-PORTABLE HYDRAULIC POWER PACK

WEIGHT
75 KG

ENGINE
14 HP GASOLINE
(DIESEL OPTIONAL)

COOLING SYSTEM
AIR



(OTHERS AVAILABLE UPON REQUEST)

LUBRICATORS

ROCKDRIL also offers a range of rig-mounted automatic air-line lubricators for all your drilling needs at an affordable cost

MAIN BENEFITS

- **RIG MOUNTED:** Rig mounted, automatic air-line lubricators aid in lubricating the pneumatic circuit of the machine as well as the DTH hammer or Top hammer for longer service life.

- **VERSATILITY:** Easily converted from water flushing to air blowing.



RD 30

RD 10

**RD
30**



WEIGHT
8 Kg

CAPACITY
3 L

**RD
10**



WEIGHT
3 Kg

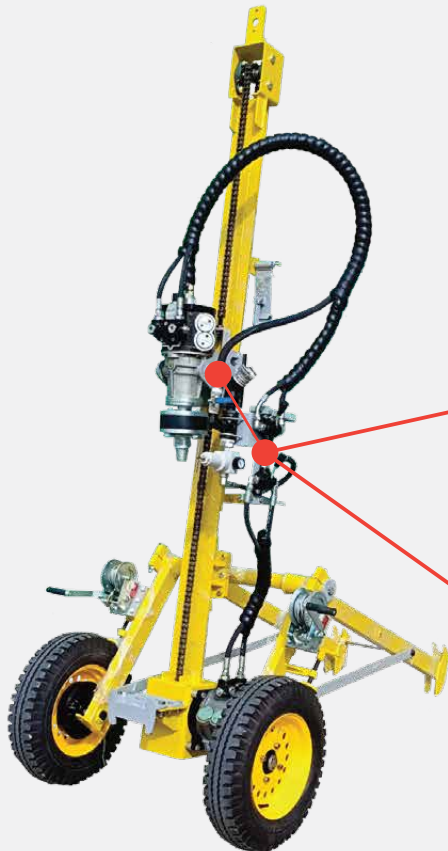
CAPACITY
1.3 L

CONTROL PANELS

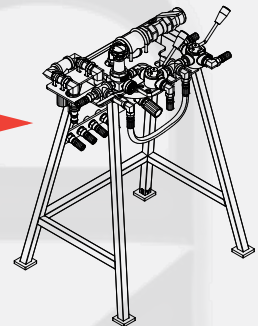
ROCKDRIL also offers 100% mechanical remote control panel or rig-mounted control panel to fit the operator's preference.

MAIN BENEFITS

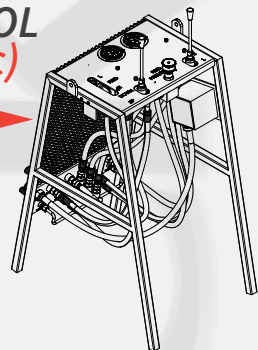
- **RIG MOUNTED:** Increase operator's visibility on the drill string.
- Easy and comfortable transportation.
- **REMOTE CONTROL PANEL:** Increased distance between operator and borehole.
- Easily converted back to rig-mounted control panel (bolt-on).
- Equipped with quick connecting couplings for speedy hose fastening



1.-REMOTE CONTROL PANEL (Pneumatic)



2.-REMOTE CONTROL PANEL (Hydraulic)



REMOTE CONTROL PANEL (Pneumatic)



REMOTE CONTROL PANEL (Hydraulic)



ROCKDRIL
www.rockdril-intl.com

*We stand by our leadership supporting our customers demands,
regarding the environment and the individuals around us.
We make our performance contemporaneous.
This is what we usually name;*

-INNOVATION BY DESIGN-