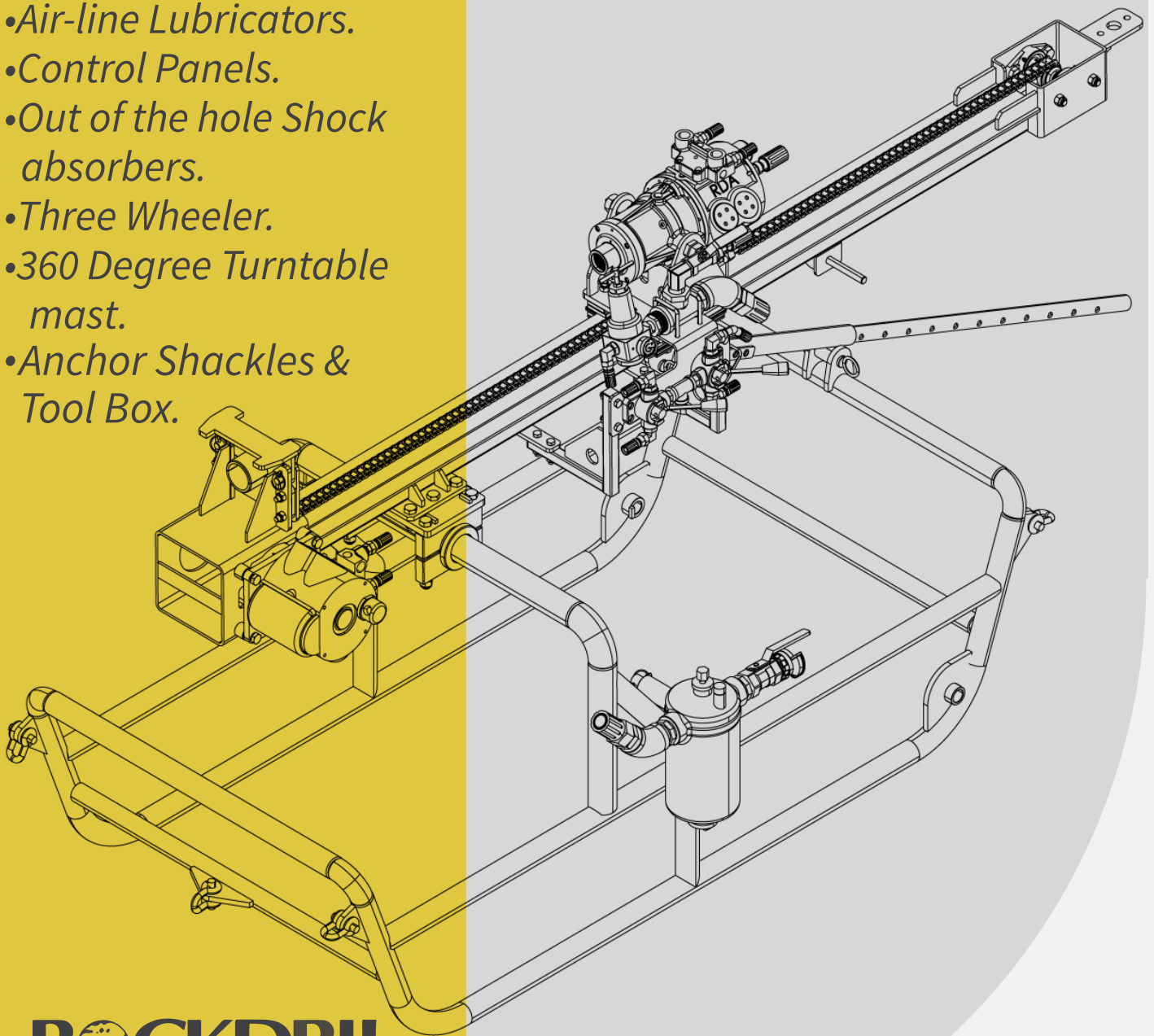


ECOSKID

OPTIONAL ATTACHMENTS

- Pneumatic Rotary Heads.
- Pneumatic Drifters.
- Feed systems.
- Hydraulic rotary heads.
- Air-line Lubricators.
- Control Panels.
- Out of the hole Shock absorbers.
- Three Wheeler.
- 360 Degree Turntable mast.
- Anchor Shackles & Tool Box.



ROCKDRIL

www.rockdril-intl.com

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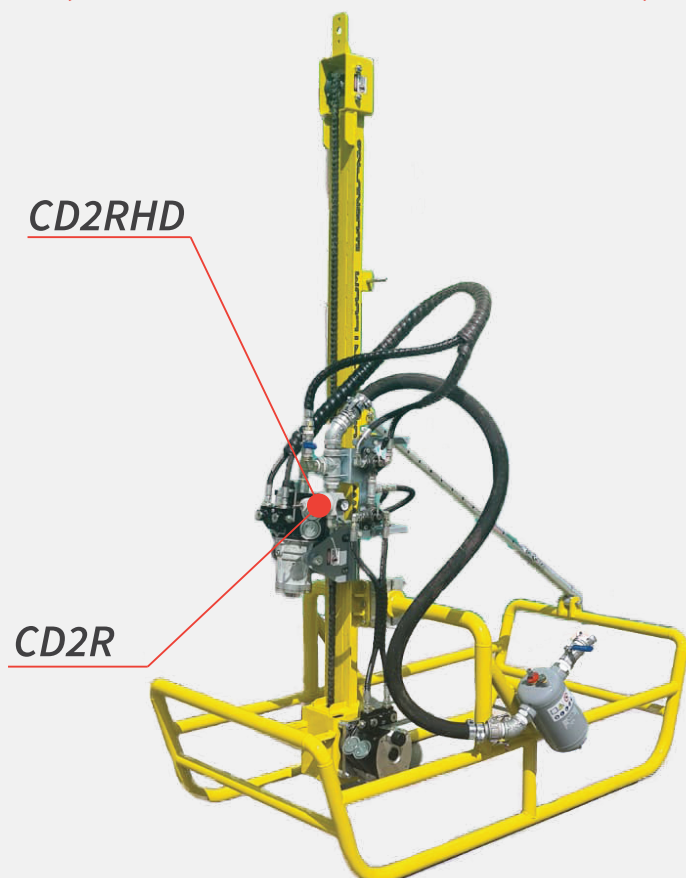
(This file may be used as reference for other drilling rigs/machines to explain & inform customers the variety of optional attachments ROCKDRIL has to offer).



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.

(ECOSKID or REFERED DRILLING RIG).



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 ECOSKID- 432 to switch between rockdrill's 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 synthetic fluids which is environmentally friendly.

CD2R



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

CD2RHD

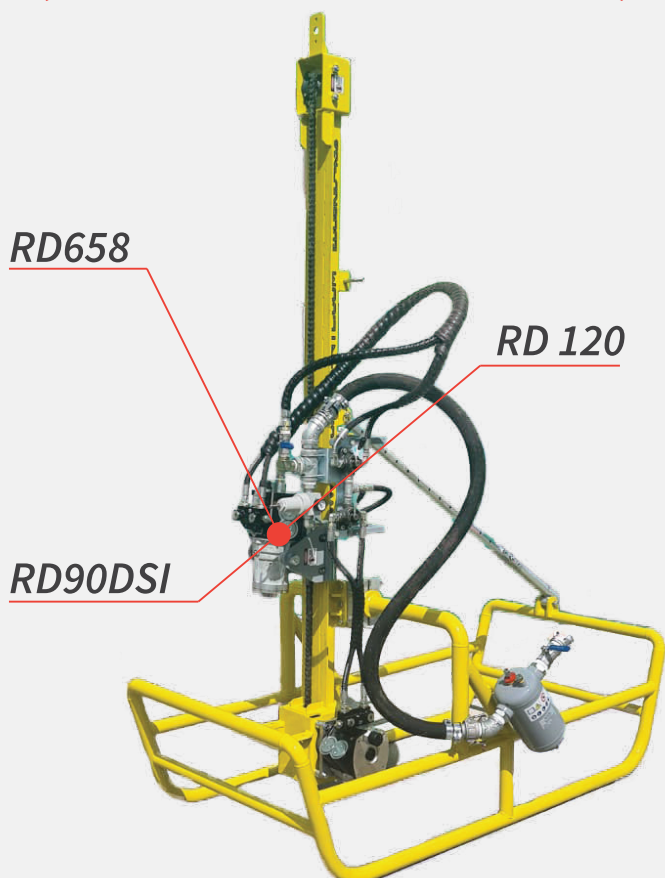


WEIGHT 41 kg	TORQUE 780 Nm
RPM 0-50	AIR CONSUMPTION 2000 l/min
THREAD RD50	MAX PRESSURE 7 Bar

PNEUMATIC DRIFTERS

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

(ECOSKID or REFERED DRILLING RIG).



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 ECOSKID-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

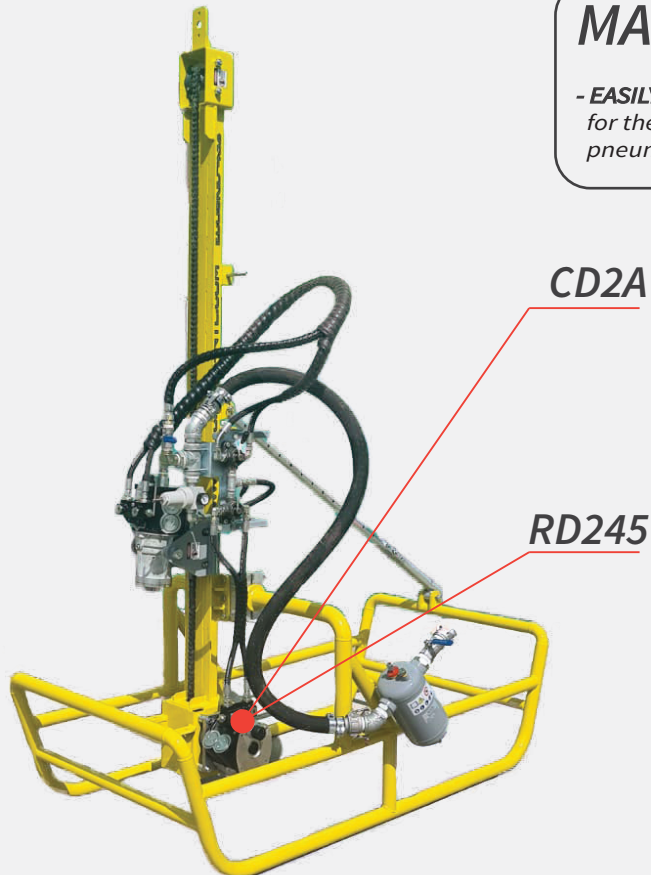
SHANK SIZE
R25 - R32 - T38

PISTON DIAMETER
120 mm

FEED SYSTEM

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

(ECOSKID or REFERED DRILLING RIG).



MAIN BENEFITS

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

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.

(ECOSKID or REFERED DRILLING RIG).

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 ECOSKID- 432 to switch between rockdrill's 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



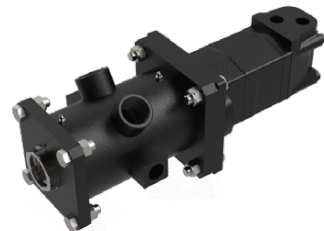
(OTHERS AVAILABLE UPON REQUEST)

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.

(ECOSKID or REFERED DRILLING RIG).



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



WEIGHT
8 Kg

CAPACITY
3 L

RD 10



WEIGHT
3 Kg

CAPACITY
1.3 L

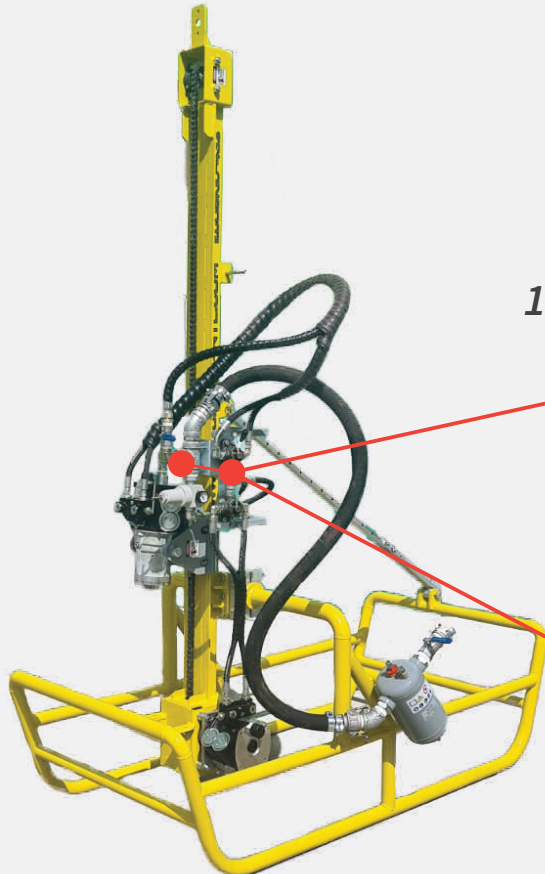
CONTROL PANELS

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

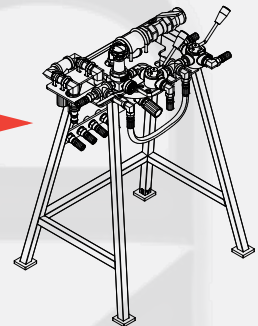
(ECOSKID or REFERED DRILLING RIG).

MAIN BENEFITS

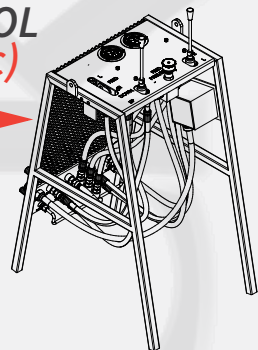
- **RIG MOUNTED:** Increase operator's visibility on the drill string.
- Easy and comfortable transportation.
- **REMOTE CONTROL PANEL:** Increased distance between operator and boreholes.
- Easily converted back to rig-mounted control panel (Bolt-on).
- Equipped with quick connecting couplings for speedy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



1.-REMOTE CONTROL PANEL (Pneumatic)



2.-REMOTE CONTROL PANEL (Hydraulic)



REMOTE CONTROL PANEL (Pneumatic)



REMOTE CONTROL PANEL (Hydraulic)



SHOCK ABSORBERS

ROCKDRIL also offers a range of Out of the hole Shock Absorbers to protect and prolong the rotary head service life.

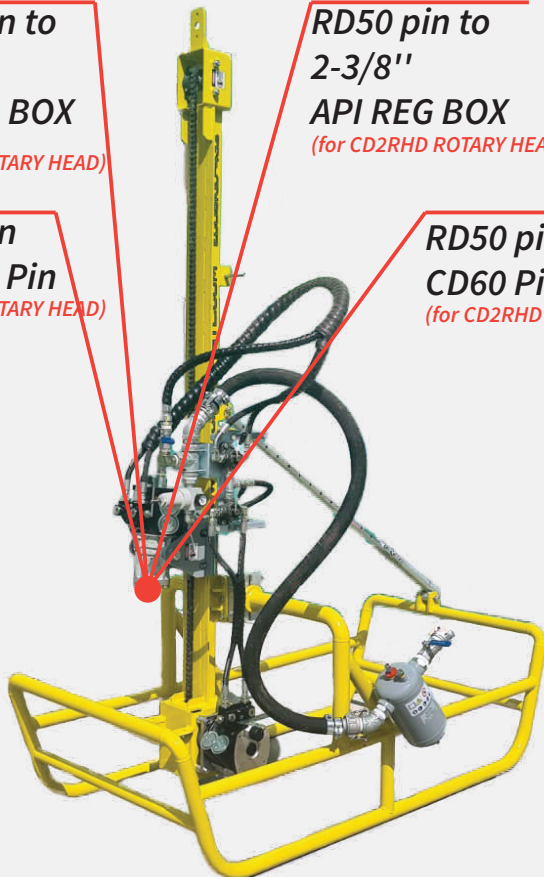
(ECOSKID or REFERED DRILLING RIG).

**RD40 pin to
2-3/8"
API REG BOX**
(for CD2R ROTARY HEAD)

**RD50 pin to
2-3/8"
API REG BOX**
(for CD2RHD ROTARY HEAD)

**RD40 pin
to CD60 Pin**
(for CD2R ROTARY HEAD)

**RD50 pin to
CD60 Pin**
(for CD2RHD ROTARY HEAD)



MAIN BENEFITS

- Rockdril out of the hole shock absorbers are installed between the rotary head and drill string to absorb and dampen the impact load on the rotary head.
- Out of the hole shock absorbers have the greatest benefit in hard rock, broken formations and when using high air pressure DTH hammers.
- All Rockdril shock absorbers are manufactured with international standard threads, but other types of threading are available on customer's request.

**RD40 PIN TO
2-3/8"
API REG BOX**



**RD40 PIN TO
CD60 PIN**



**RD50 PIN TO
2-3/8"
API REG BOX**



**RD50 PIN TO
CD60 PIN**



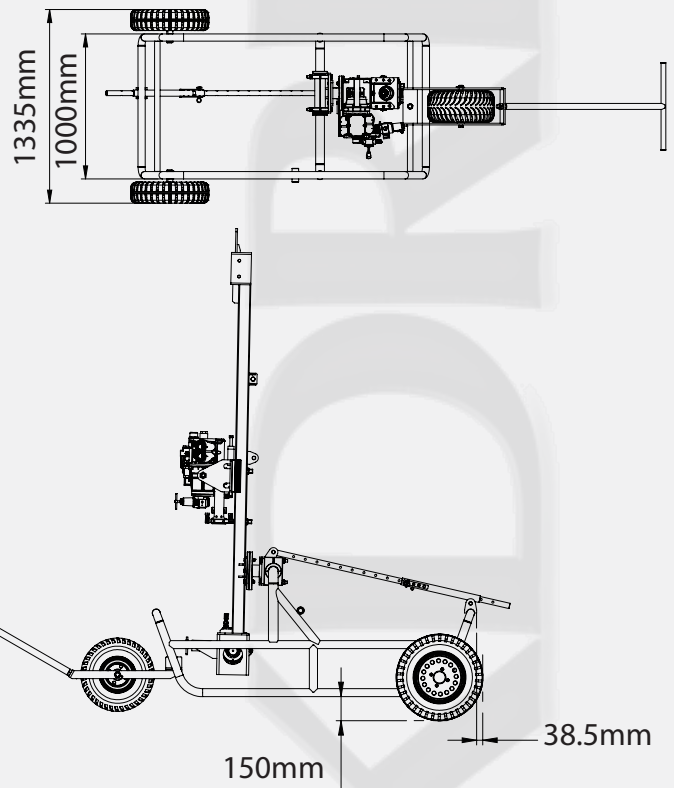
(OTHER THREADS AVAILABLE UPON REQUEST)

THREE WHEELER

ROCKDRIL also offers a Three wheeler chassis which can assist the operators drilling set-up and transport.

MAIN BENEFITS

- EASE OF TRANSPORT.
- FASTER DRILL SITE SET-UP.
- IMPROVE TRANSPORTATION SAFETY.
- PLUG AND PLAY CHASSIS MOUNTED WHEELS.

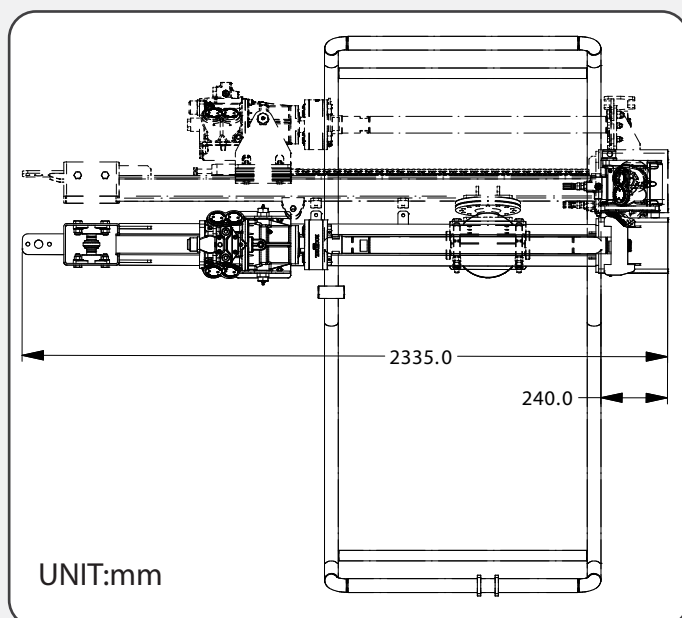


x1.- STEERING WHEEL.
x2.- REAR WHEELS.

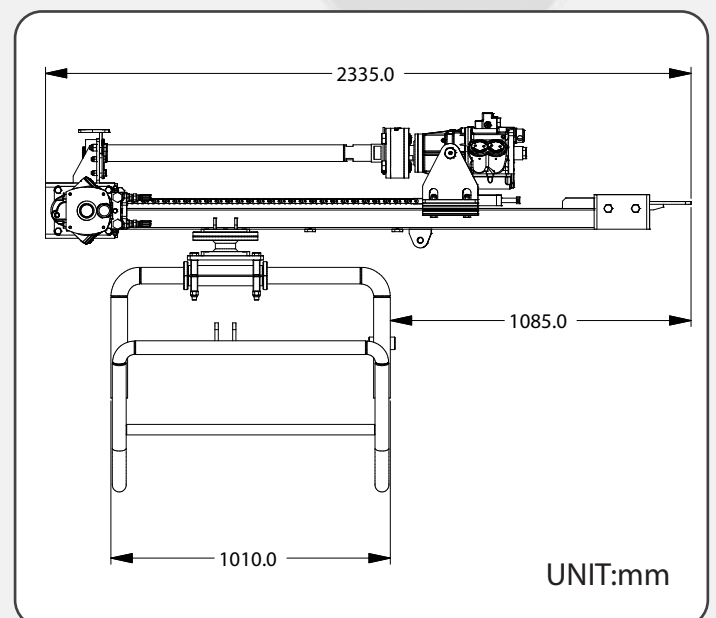
360 Degree Mast Turntable

ROCKDRIL also offers a mechanical mast mounted turntable to ease drilling operations were different drilling angles are necessary.

TOP VIEW



FRONT VIEW



360 Degree Mast Turntable

MAIN BENEFITS

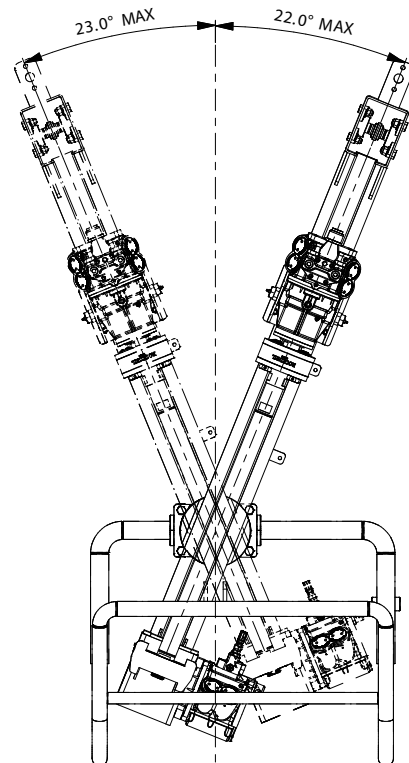
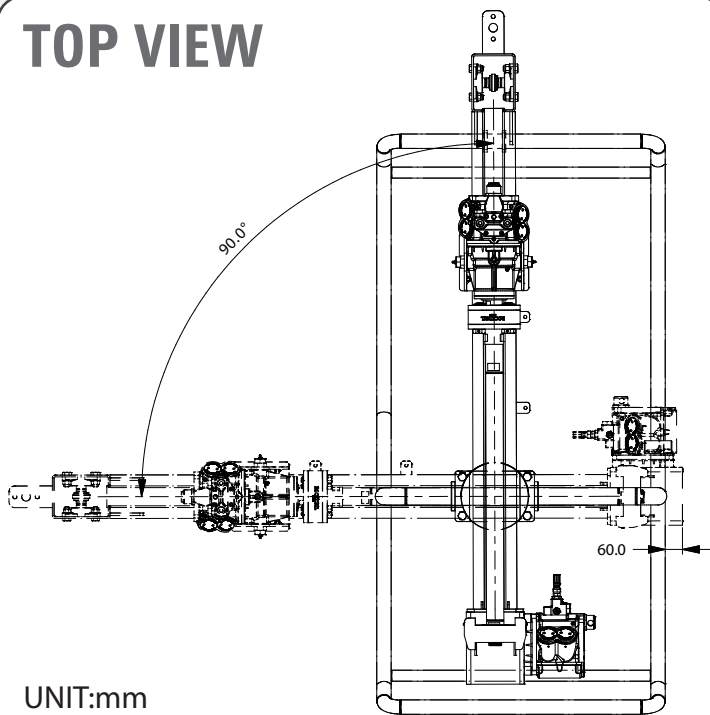
- **TUNNEL DRILLING:** capable of drilling in underground or enclosed conditions for applications such as:

- Roof bolting
- Anchoring
- Blasting
- And Others

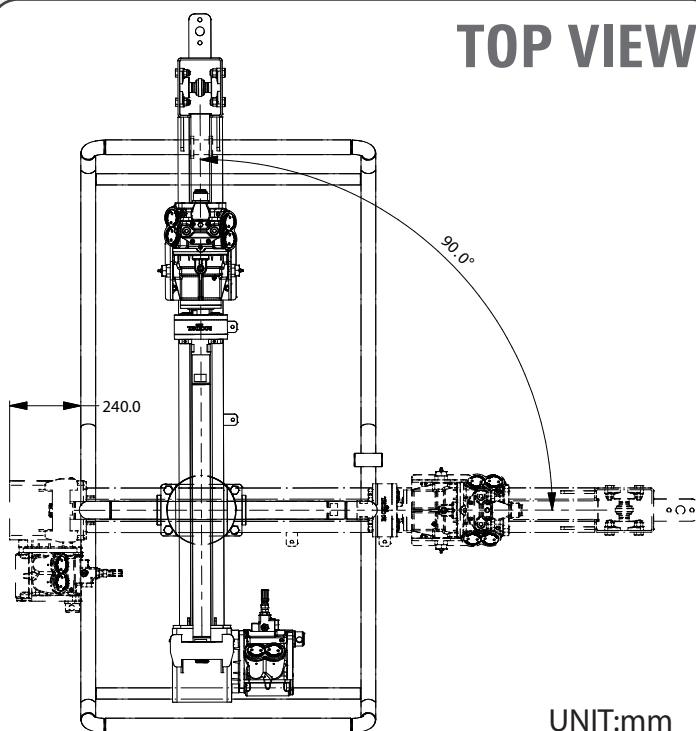
- **VERSATILITY:** ease drilling operations were different drilling angles are necessary

- **360 degree drilling:** capable of drilling in any position and angles

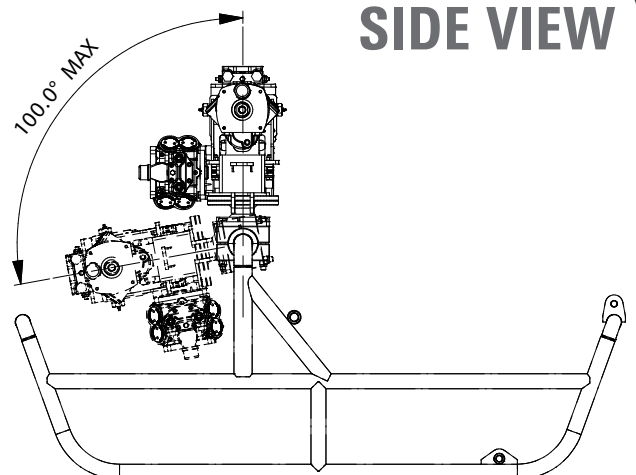
TOP VIEW



TOP VIEW



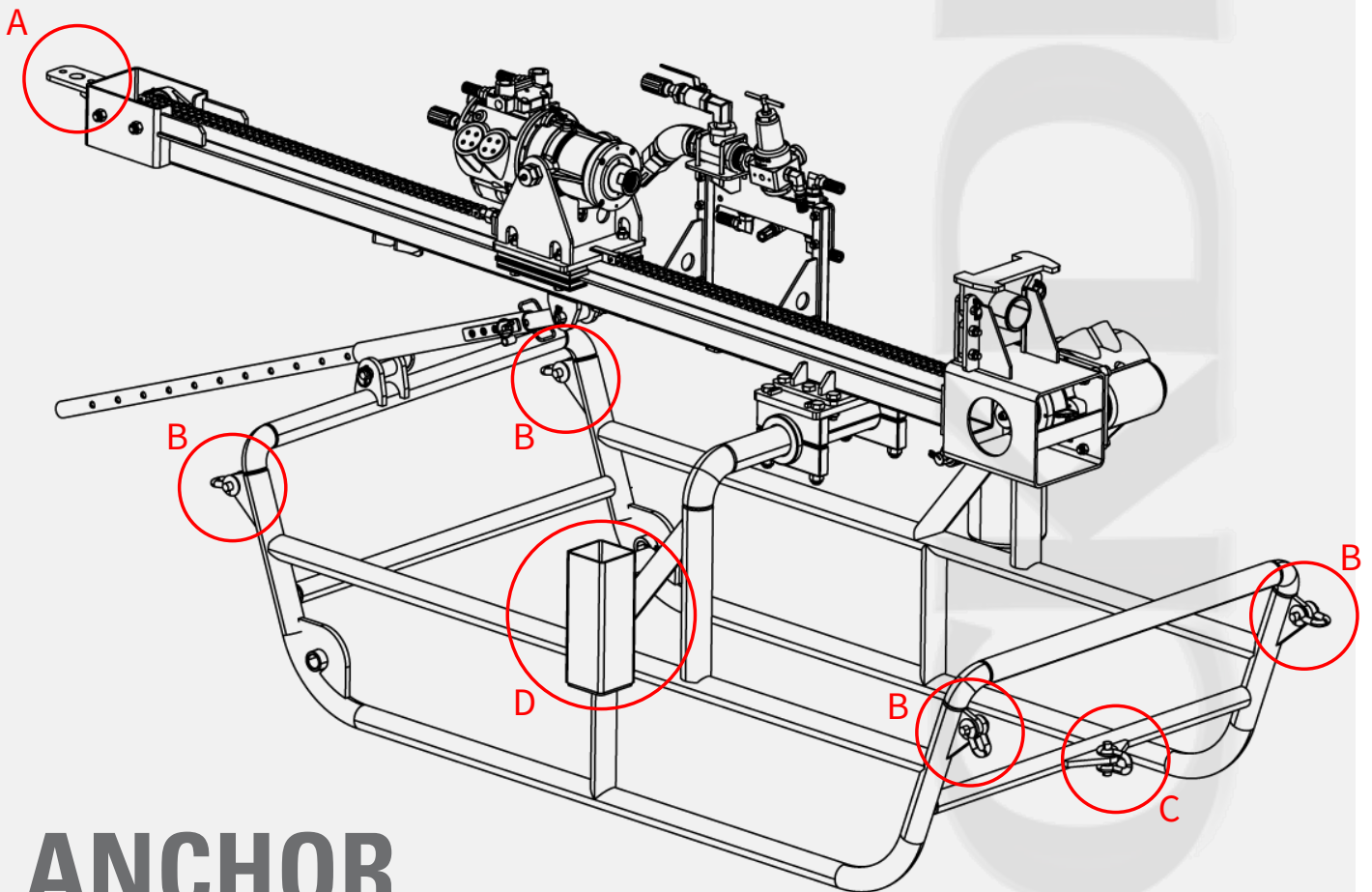
SIDE VIEW



Chassis Shackle Points & Tool Box

SKID CHASSIS FEATURES:

- A - 1 MAST ANGLE ANDJUSTMENT SHACKLE POINT FOR ANGLE ADJUSTING AID WHILE DRILLING ON SLOPES.
- B - 4 LIFTING/HELICOPTER PORTABILITY POINTS, 1000 Kg CAPACITY EACH WHILE THE SHACKLES SERVE AS 2 FRONTAL SAFETY LINE/CABLE/ROPE.
- C - 2000 Kg MAIN SHACKLE PULLING POINT FOR SLOPE DRILLING WITH WINCH.
- D - TOOL BOX (WITH SELF ANGLE ADJUSTMENT THROUGH GRAVITY).



ANCHOR SHACKLES

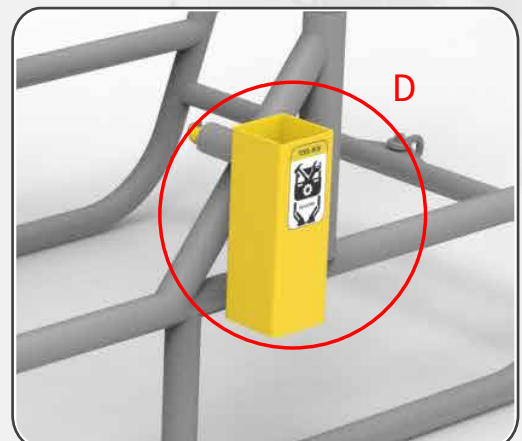


G209



G2130

TOOL BOX



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-