



REVATHI EQUIPMENT LIMITED

# CORPORATE PROFILE

always dependable

# DRILL RIGS

BUILT TO PERFORM

- Established in 1977 as Indian Unit of CP USA
- Headquartered in Coimbatore, India
- 24 Acre State of the art Facility
- Product Engineering experience of 100+ man years

**2000+**

DRILL RIGS SOLD  
TILL DATE

**50%**

MARKET SHARE  
IN INDIA

# OUR JOURNEY

**1977**

Established as  
Indian Unit of



**1979**

First **6 Inch Class**  
Blast Hole Drill  
Supplied

**1982**

First **10 Inch Class**  
Blast Hole Drill  
Supplied

**1986**

First **200 Mtr**  
Water well Drill  
Delivered

**1986**

First **4 Inch Class**  
Blast Hole Drill  
Supplied

**1987**

We are acquired  
by



**1988**

First **300 Mtr**  
Water well Drill  
Delivered

**1991**

International  
Business Begins  
with our Supply to  
**JORDAN**

**1993**

168 Drill Rigs  
Supplied to **USA**

**2002**

First **500 Mtr** Water  
well Drill Delivered

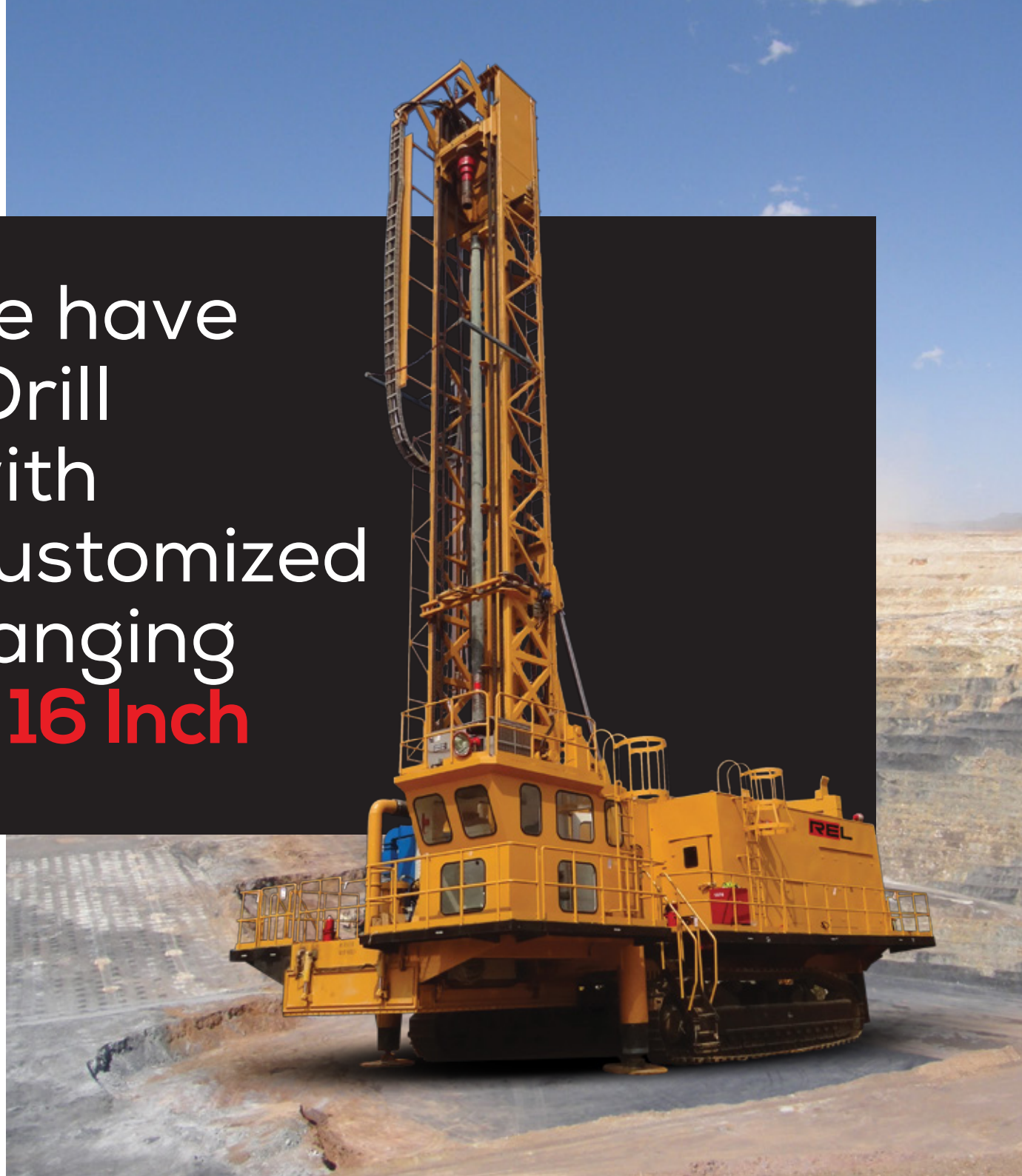
**2003**

We are  
acquired by





Today We have  
over 20 Drill  
Models with  
various customized  
options ranging  
from **3 to 16 Inch**





Our drill rigs  
are present in

**INDIA**  
**INDONESIA**  
**ZIMBAWE**  
**JORDAN**  
**SERBIA**  
**MOROCCO**  
**NIGERIA**  
**SOUTH AFRICA**  
**BRAZIL**  
**USA**  
**AUSTRALIA**  
**ZAMBIA**

**WE SUPPORT OUR  
CLIENTS IN ACHIEVING  
GREATER HEIGHTS**

## **Coal India Limited**

World's Largest Coal  
Producer\*

\*FY2015-16

## **TATA STEEL**

Seventh Largest Steel  
Produce in the world

## **Vedanta Limited**

World's second largest  
Zinc miner

## **N.M.D.C**

Fifth Largest Iron Ore  
Producer in the world

## **THIESS**

World's largest mining  
services provider

# Major Clientele



COAL INDIA LIMITED



SINGARENI COLLIERIES



N.M.D.C LIMITED



TATA STEEL



VEDANTA LIMITED



JORDAN PHOSPHATE MINES CO. PLC.



AL OWN, JORDAN



PT. RIUNG MITRA, INDONESIA



THIESS MINING SERVICES



PT. HPU MINING INDONESIA



PT. MARTON INDONESIA



Explosives • Drilling • Blasting  
SENEX, USA



HWANGE COLLIERIES ZIMBAWE



ANGLO COAL, SOUTH AFRICA



FOCUS MINING SERVICES



COMPAGNIE DES PHOSPHATES DE GAFSA, TUNISIA



OCP Group, Morocco



BOART LONGYEAR, AFRICA



PENNA CEMENT



LAFARGE CEMENT



BIRLA CEMENT



ORIENT CEMENT



HEIDELBERG CEMENT



ULTRATECH CEMENT



KINROSS, BRAZIL



VALE MINING, BRAZIL



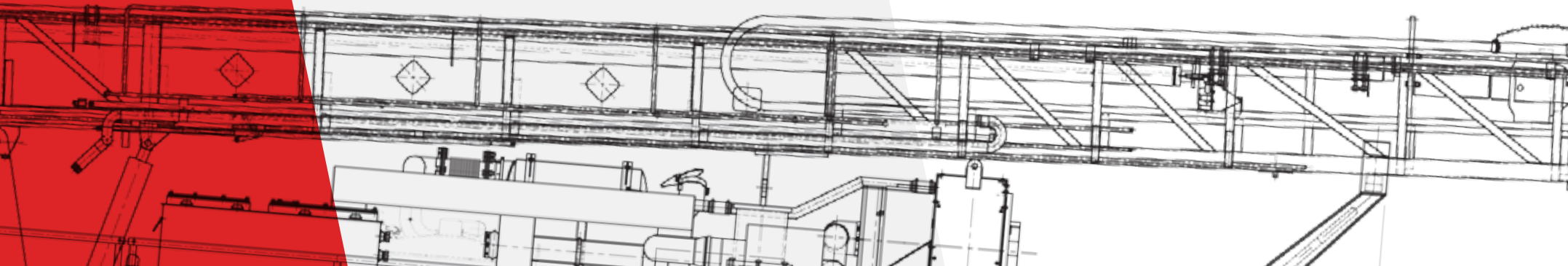
BUCYRUS ERIE, STRATEGIC PARTNER



# Why REL ?

## ORIGINALLY DESIGNED IN USA

- Customized equipment over Standard equipment
- Robust Product & Proven design
- Higher Productive & Lower Operating Cost
- Strong after sale support
- Operator friendly & Ease of Service
- Product development based on Voice of Customer
- Integrating only the best components with the highest reliability





# MINING PRODUCT CATEGORY



## **BLAST HOLE DRILL RIGS**

**DOWN THE HOLE  
TOP HAMMER  
ROTARY DRILLING  
DIESEL POWERED  
ELECTRICALLY POWERED**

## **EXPLORATION & PROSPECTING DRILL RIGS**

**CORE DRILLING  
REVERSE CIRCULATION  
AUGER DRILLING**

# MINING PRODUCT CATEGORY

ALLIED PRODUCTS

ROCK DRILLING TOOLS

DRILL RODS

SUBS

STABLIZERS







## **BLAST HOLE DRILL MODELS**

**C650**

**C1618**

**C615**

**C750**

**C2023**

**C620**

**C850**

**C2532**

**C625**



# Product Rotary

## ROTARY BLAST HOLE DRILL

Parameters / Model	C650DI	C650DM	C650DH
Hole Dia (Inch)	6 1/4 - 6 3/4	6 3/4 - 7 7/8	7 7/8 - 9
Engine (HP) CAT/CUMMINS	385/385	415/415	530/540
Compressor (CFM/PSI)	750 - 75	900 - 75	1050 - 75
Rotary Speed (RPM)	0 to 175		
Rotary Torque (Inch LBS)	40000	48000	70000
Pull Down (Lbs)	35000	40000	50000
Single Pass Depth (Meters)	7.6   9	7.6   9   12	
Rod Carousel Pod Options	6 / 1   3	6 / 1   3	

\*REL reserves the right to amend designs and specifications at any time without prior notice.



# Product DTH & TH

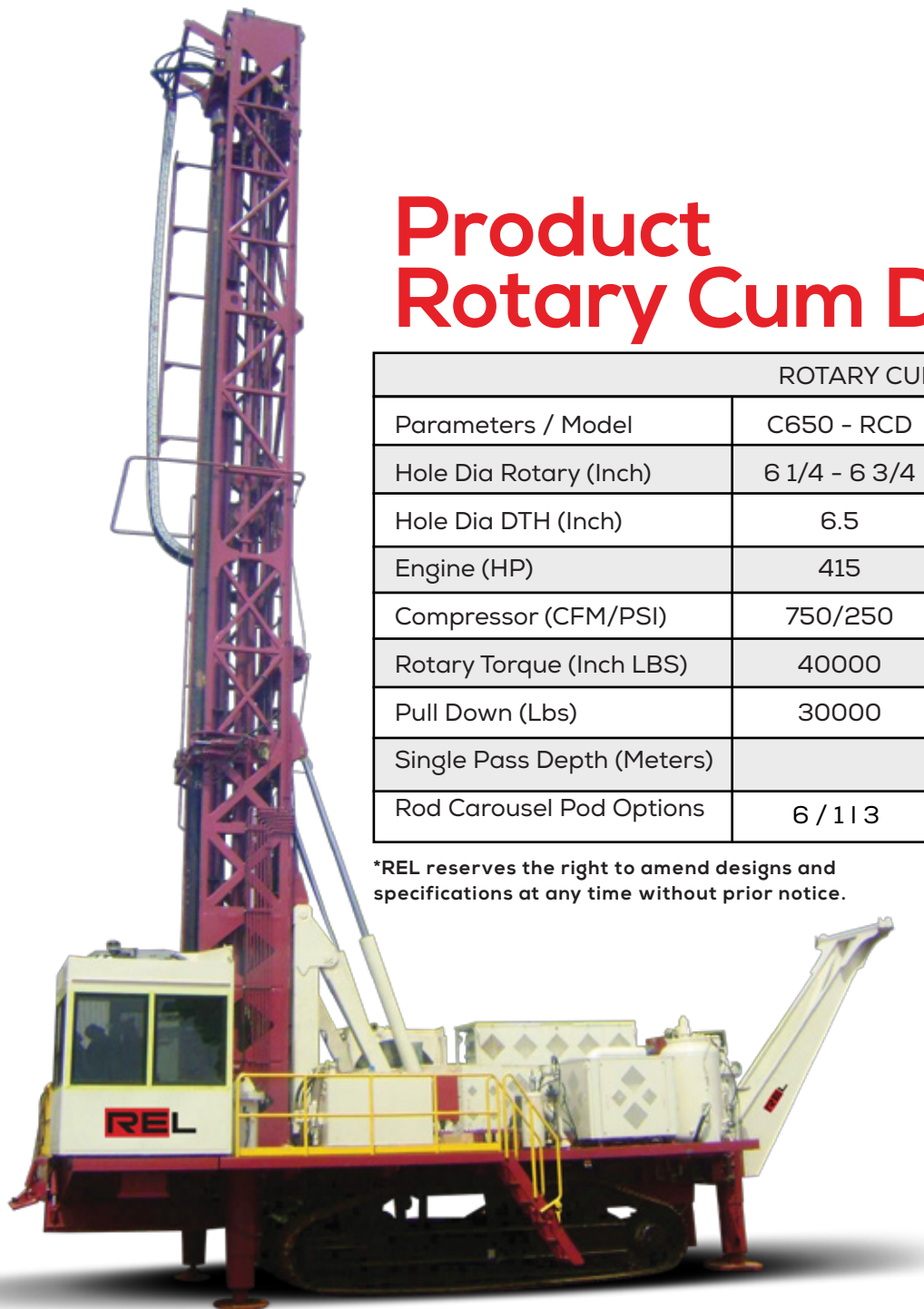
DTH BLAST HOLE DRILL	JACK	JACKLESS		
Parameters / Model	C650H	C625H	C620H	C615H
Hole Dia (Inch)	6-8	6 1/2 - 8	4 1/2 - 6 1/2	4-6
Engine (HP)	530/554	530	415	260
Compressor (CFM/PSI)	900 - 1150/350	900/350	750/350	500/200
Pull Down (Lbs)	30000	9000	9000	7644
Single Pass Depth (Meters)	7.6   9   12	6.09		4
Rod Carousel Pod Options	6 / 1   3	7		4

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TOP HAMMER BLAST HOLE DRILL		
Parameters / Model	C615 TH	C620 TH
Hole Dia (Inch)	3" - 4"	4" - 5"
Engine (HP)	250	350
Compressor (CFM/PSI)	350 - 150	450 - 150
Pull Down (Lbs)	7644	
Single Pass Depth (Meters)	3.6   4.2   6.1	

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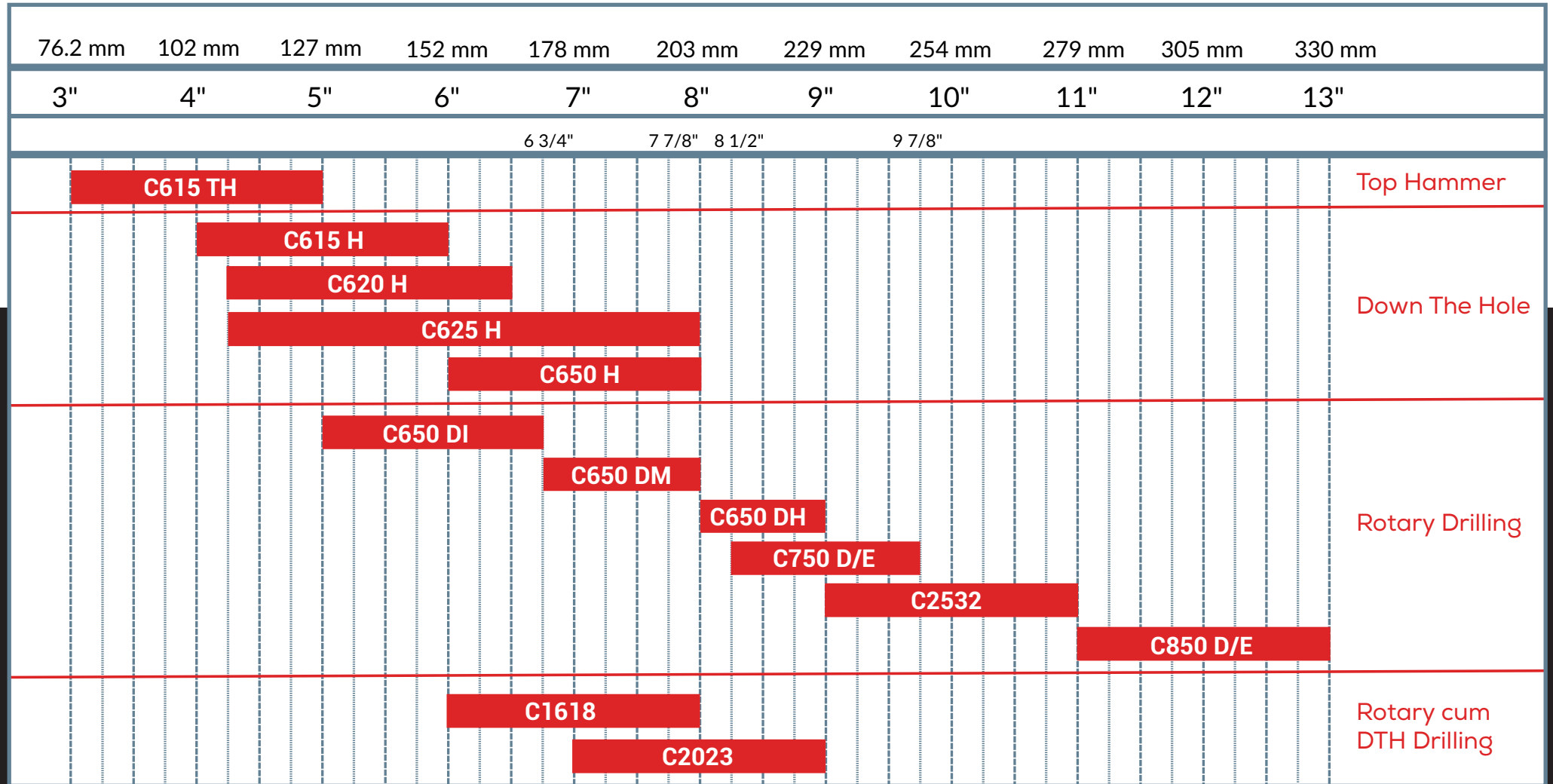


# Product Rotary Cum DTH

ROTARY CUM DTH BLAST HOLE DRILL			
Parameters / Model	C650 - RCD	C1618	C2023
Hole Dia Rotary (Inch)	6 1/4 - 6 3/4	6 - 7 7/8	6 1/4 - 9
Hole Dia DTH (Inch)	6.5	6-7	6-8
Engine (HP)	415	415/540/600/700	415/540/600/700
Compressor (CFM/PSI)	750/250	1000 - 1150 / 125 - 350	1000 - 1150 / 125 - 350
Rotary Torque (Inch LBS)	40000	78000   85000	78000   85000
Pull Down (Lbs)	30000	40000	50000
Single Pass Depth (Meters)	7.6   9   12		
Rod Carousel Pod Options	6   1   3	1   4	

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# DRILL DIAMETER RANGE





REVATHI EQUIPMENT LIMITED

# Vs Epiroc

## [ROTARY DRILL]

MAKE	EPIROC	REL				
DIA RANGE	5 1/2" - 7 7/8"	6 1/4" - 6 3/4"	6 3/4" - 7 7/8"			
MODEL	DM30	C650 DI	C650 DM			
DIA RANGE	5 1/2" - 8 7/8"	6 1/4" - 6 3/4"	6 3/4" - 7 7/8"	7 7/8" - 8 7/8"		
MODEL	DM45/50	C650 DI	C650 DM	C650 DH		
DIA RANGE	5 7/8" - 9 7/8"	6 1/4" - 6 3/4"	6 3/4" - 7 7/8"	7 7/8" - 8 7/8"	8 1/2" - 9 7/8"	
MODEL	DML	C650 DI	C650 DM	C650 DH	C750D/C750E	
DIA RANGE	6 3/4" - 10 5/8"	6 1/4" - 6 3/4"	6 3/4" - 7 7/8"	7 7/8" - 8 7/8"	8 1/2" - 9 7/8"	9 7/8" - 10 5/8"
MODEL	PV235, PV271,	C650 DI	C650 DM	C650 DH	C750D	C2532
	PV275, DM75	C650 - RCD	C1618	C2023	C750E	
DIA RANGE	10 5/8" - 12 1/4"	10 5/8"	12 1/4"	16"		
MODEL	PV311, PV31, DMM3	C2532	C850 D/E	C950 D/E		



# REL Vs Epiroc

REVATHI EQUIPMENT LIMITED

## DTH DRILL

MAKE	EPIROC	REL
DIA RANGE	6.5" - 8"	6.5" - 8"
MODEL	DM30	C650 H
DIA RANGE	6.5" - 8"	6.5" - 8"
MODEL	D65/60	C625 H
DIA RANGE	4.5" - 6.5"	4.5" - 6.5"
MODEL	D55	C620 H
DIA RANGE	3.5" - 4.5"	3.5" - 4.5"
MODEL	D45/50	C615H

## TH DRILL

MAKE	EPIROC	REL
DIA RANGE	3" - 4"	3" - 4"
MODEL	T35	C615TH
DIA RANGE	4" - 5"	4" - 5.5"
MODEL	T45/40	C620 TH

# OPTIONS AVAILABLE

- Cold starting kit for -20 deg C & -40 deg C
- Wiggin Fast fuelling system
- Retractable dust curtain
- Oil filling Pump
- Drill positioning system
- Hydraulic powered winch (Standard Option for DTH)
- Angle Hole Drilling Package
- Auto Levelling
- Auto Thread Lubrication System
- Dual Volume Compressor
- REL RDTH Package
- Inline oilfiltering system
- Centralized Drain System
- Central Hydraulic Test Station
- Drill Monitoring System

# SAFETY FEATURES

As a policy, REL always emphasizes the importance of providing drills rigs with the highest level of safety and operator comfort. Our Drill rigs are provided with:



- Starter and Battery Isolator
- AFDSS - Auto Fire Detection and Suppression System
- FOPS - Falling Object Protective Structure
- Over Centre Chuck Valve on all load cylinder
- Relief Valves for hydraulic circuits
- Pop Safety Valve
- Motor sequence relay
- Phase sequence relay
- Surge Suppressor
- Walkway with hand railing for easy access and safe maintenance
- Whip socks and Whip checks
- Flame Proof Jacket for Engine Exhaust Muffler
- Lightning arrestor
- Emergency Stop Switch
- Shutdown Switch

# Always Dependable.

REL drill rigs have earned a reputation for dependability and productivity, Operator safety and Ergonomics. We believe in working closely with our clients to achieve optimum safe and cost-effective performance in drilling. Whatever your requirement may be standard or custom, simple and rugged, or advanced and automated you can depend on REL.

## **Revathi Equipment Limited**

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