

# Rock Drills

## CPA Series

For carriers from 23 to 55 tons



Rock Drills - CPA Series



### Rock drill attachments for difficult jobs in hard to reach locations.

With Tramac rock drill attachments, your excavator can be used for drilling as well as loading, trenching and demolishing.

Applications: Pipeline trenching, utility work, anchoring and rock bolting, rough terrain construction and long reach work.

Advantages: Fast and easy travel on any surface, large drilling coverage area, long boom reach and comfortable cabin.

All mechanical and hydraulic connections are supplied as a kit designed to fit your specific excavator.

#### World Famous Montabert Drifter

#### Powerful Drilling Performance

- Superior drifter piston shape delivers maximum impact energy to the rock.
- Rebound Energy Recovery Valve matches blow energy to the rock hardness, increasing production.

#### Reverse Percussion Option

- Reverse percussion feature assists in extracting drill strings in fractured and unconsolidated rock.
- Increases production and reduces drilling costs in demanding drilling applications.

#### Drilling Automatics

- All drilling functions are monitored and adjusted hydraulically to optimize hole straightness, accessory life and performance.
- Flow and pressure adjustments are automatic, progressive and stepless.
- This patented drilling system operates without use of microprocessors or other complicated electronic components.

For dimensions and specifications, see back of this page.



**Durable heavy type feed systems**

**Quick attach and disconnect** can utilize all of today's quick attach systems. Easy interchange with other excavator attachments.

**Remote control capability** for operation in or out of the cab

**World famous Montabert drifter and drill control technology** Provides a reliable combination which senses the rock conditions and adjusts drilling automatically.

**Vertical sliding dust hood** good visibility during positioning. Heavy duty centralizer foot piece for secure anchoring and long life.

**Rock Reader Technology**



## Rock Drills CPA Series

### Specifications and Dimensions

MODELS		CPA 225	CPA X-TEND 14/12	CPA X-TEND 24/20
Feed		Aluminum	Steel	Steel
Drifter		HC 40	HC 150R	HC 150R
Input Power	HP/kW	31.2 / 23	56 / 42	56 / 42
Frequency (depends on piston type)	BPM	2900	2530	2530
GENERAL SPECIFICATIONS				
Weight	lb / kg	2860 / 1300	5500 / 2500	6400 / 2900
Length	ft-in / mm	19'8" / 6000	23'6" / 7200	33'5" / 10,200
Width	ft-in / mm	2'11" / 900	3'6" / 1100	3'6" / 1100
Height	ft-in / mm	4'7" / 1300	5'2" / 1600	5'2" / 1600
Rotation from vertical axis	degrees	360	+/- 27	+/- 27
DRILLING INFORMATION				
Bit Diameter	in / mm	1.5" - 3.5" / 38-89	3"-5" / 76-127	3"-5" / 76-127
Rod Length	ft / mm	14' & 12' / 4305 & 3660	14' & 12' / 4305 & 3660	24' & 20' / 7135 & 6100
Rod Type		R32 / T38	T45 / T51	T45 / T51
Rod Rack		Optional	No	No
Rod Adder		Standard	Standard	Standard
Rod Magazine		No	7+1	4+1
CONTROLS		Electric Remote	Electric Remote	Electric Remote
DUST COLLECTION		Optional	Optional	Optional
CARRIER REQUIREMENTS				
Excavator Weight	US tons / metric tons	23-33 / 21-30	33-55 / 30-50	33-55 / 30-50
Minimum Power	HP / kW	75 / 55	99 / 74	107 / 80
Hydraulic Flow	gpm / lpm	40 / 150	47.5 / 180	53 / 200
Pressure	psi / bar	2300 / 160	2700 / 190	2800 / 195
AIR REQUIREMENTS				
An air compressor must be provided for flushing the drilled hole.				
Compressor recommendation		185 cfm @120 psi	300 cfm @120 psl	300 cfm @ 120 psi

TRAMAC reserves the right to change or discontinue models and/or specifications without prior notice.

Dealer:

#### Quality and dependability: two features you can count on with every TRAMAC product.

All TRAMAC products are engineered for superior performance, manufactured to the most exacting specifications, and—within the guidelines of the industry's most rigid quality control program—thoroughly inspected at every stage of production. All working parts are precision-machined to the closest tolerances, and all materials meet or exceed the highest industry standards. These are but a few of the many vital reasons major contractors worldwide choose our products.

*They know that with TRAMAC, reliability is crucial; a basic component conscientiously built into every unit that bears our name.*

