

MINLATON ENGINEERING

ROCKMASTER

POSTHOLE DIGGER



featuring a wide range of QUICK CHANGE AUGER HEADS

ROCKMASTER

Hydraulic Rock Boring Power.

Rockmaster has earned its reputation as a precision engineered, strongly built, reliable rock boring post hole digger.

Rockmaster rigs have a wide range of applications including post hole digging, water boring, mineral exploration and soil sampling.

Design incorporates the latest advanced features to streamline your operations and save both time and money.

Dual hydraulic rams eliminate all hand operation and ensure that pressure is evenly distributed on the auger heads. Penetration is fast, direct and efficient.

A wide range of interchangeable auger heads enable Rockmaster to drill earth, black soil, marl, clay and rock including ironstone, blackstone and granite.

Rockmaster is conveniently operated from the tractor seat and is easily hooked onto your tractor, truck or 4WD.

Operation

Simply lower the auger onto the surface, engage the PTO and the Rockmaster rips into the soil or rock. In rock, the patented cutting system cuts the rock in two stages. Firstly the tungsten tips engage the rock and cut out grooves. Then the following tips cut out the shoulders of rock that is left. This highly effective cutting process will also handle slanting rock or snags while placing minimal strain on the machine.

Rockmaster borers have the ability to drill straight down regardless of rock and obstruction.

The clean modern lines of the Rockmaster means you can back right up to a fence and drill true, vertical holes in line with the fence. Rockmaster is so designed that the tractor wheels push the fence wire well out of the drilling area.

Rockmaster blasting augers are also available. Instead of drilling shot-holes by hand you can make them in a matter of minutes with the blasting auger. It can also be used for boring holes to receive steel fence droppers.

Front Page
Standard 3'0" digger fitted with 9½" rock auger.



Hydraulic side tilt digger fitted with 11" rock auger.



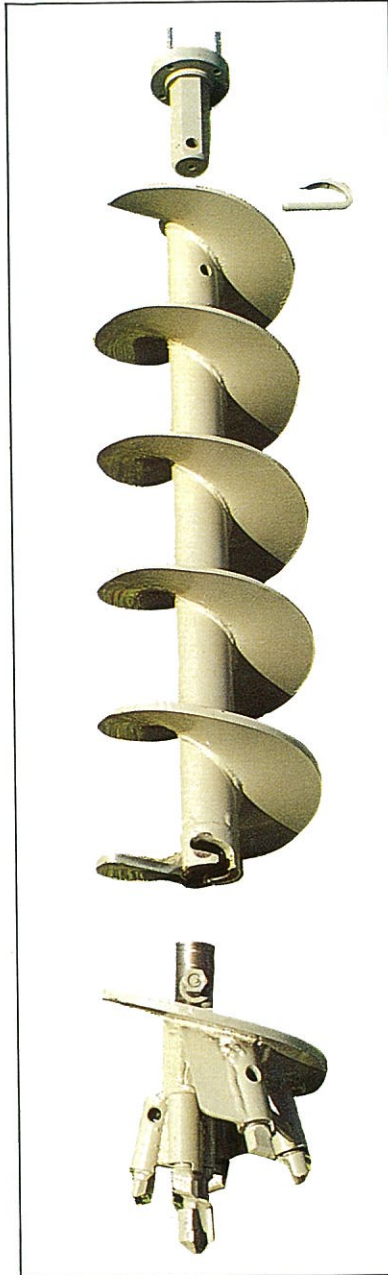
Hydraulic Safety Valve.

Hydraulic Side Tilt

The Rockmaster side tilt digger has been designed for drilling holes on uneven ground. Operated from the tractor seat, the unit can be tilted sideways up to 15° to the left or right.

A safety valve is incorporated in the hydraulic system which eliminates the accidental movement of the tilt while boring.

Quick change auger heads



Quick release auger with 9 1/2" rock head.



Quick removal of tungsten tips.

Quick change auger heads

Six different diameter auger heads are available to bore holes from 165 mm (6 1/2") to 380 mm (15") in diameter and up to 1.37 m (4'6") in depth. A patented bayonet-pin locking device enables auger heads to be changed quickly and simply without removing the auger.

Tungsten cutting tips

Only diamonds are harder than the replaceable tungsten cutting tips fitted to Rockmaster augers.

Silicon carbide stone is available for sharpening. Replacement tips are readily available from our Minlaton factory or from our dealer in your area.

Quick release

Augers can be supplied with a quick release hexagon coupling. Different size augers can be fitted by removing one spring pin.

Hydraulic operation

The Rockmaster features totally hydraulic raising and lowering of the auger. Pressure is equally distributed on the auger head and the risk of bending the drive shaft is virtually eliminated.

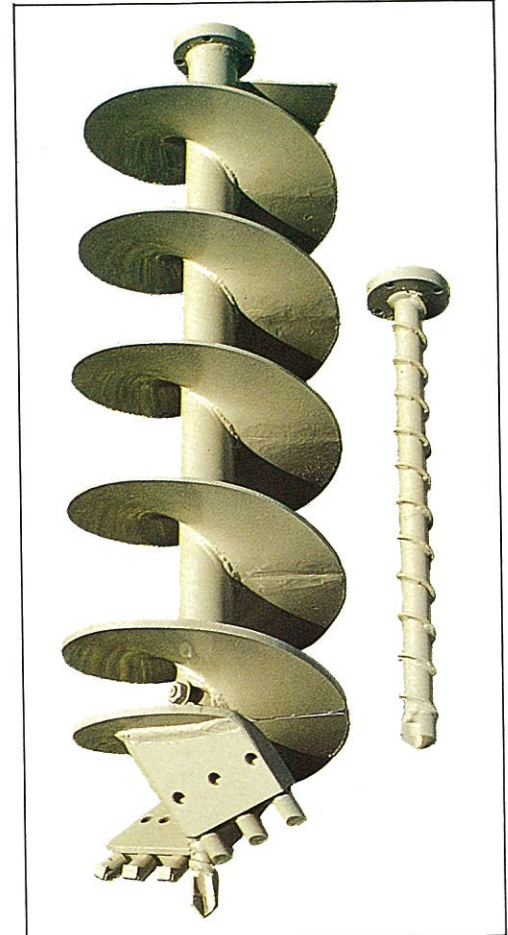
Drive and friction release clutch

The Rockmaster's positive boring action drives on the six sides of a high tensile hexagonal shaft.

The friction release clutch automatically disengages the mechanism in case of any obstruction. There is no danger of jamming and the subsequent damage.

Fitting kits

Rigid mounting kits available for most tractors.



Left: Standard 13" auger with earth head. Right: Auger for blasting or droppers available in 3 diameters 1 3/8, 1 3/4, 2".

AUGER RANGE Length 1 metre

DIAMETER	TYPE	CUTTING TIPS
115 mm (4 1/2")	Rock	2
165 mm (6 1/2")	Rock	3
200 mm (8")	Rock	4
240 mm (9 1/2")	Rock	5
280 mm (11")	Rock	6
165 mm (6 1/2")	Earth	3
200 mm (8")	Earth	3
240 mm (9 1/2")	Earth	4
280 mm (11")	Earth	5
330 mm (13")	Earth	6
380 mm (15")	Earth	7

Special augers available.

3 Point Linkage

Rockmaster post hole diggers can be supplied with a 3 point linkage kit enabling the unit to be quickly fitted to any tractor with linkage.



4 Ft Digger

Available for digging holes up to 4'6" deep.

Drilling Unit

Complete self contained, hydraulic fold down, 4' digger suit 4WD, trailer etc.

MINLATON ENGINEERING

39 Maitland Road, Minlaton, SA 5575
Telephone: (08) 8853 2226 Fax: (08) 8853 2265

Soil Sampling Rigs

Rockmaster soil sampling rigs are Rockmaster drills extended to drill to a depth of 10 metres, digging two metres per extension.

The digger is designed to press sample tube to 10 metres. A hydraulic rock breaker is used to drive the tube in when the ground is too hard.

The soil sampler rig is raised and lowered hydraulically for travelling and has jacking legs at each corner of the vehicle for levelling. The rig is driven by a hydraulic pump from the P.T.O.

These extendable rigs can also be used to shallow bore for water and in the area of shallow bore mineral exploration, up to a depth of 25 metres.



YOUR LOCAL DEALER

All machinery in operation have guards removed for photography only.