

VAC-FORCE MAXI

*Innovative, Versatile, Productive, Lightweight Drilling Machine
will adhere to any type of flat, clean surface*

*(Thin to Heavy Sheet Metal, Stainless Steel, Brass,
Aluminium Checker Plate, Concrete, Timber)*



VACUUM BASE is supplied vacuum from an air generated venturi, giving the base 110kgs of holding power to a clean flat surface. It can be operated with a small compressor, providing it can supply 450kPa (65psi) pressure continuous, when operating with an electric or battery drill.

Maximum pressure of 60kgs can be applied to the surface being drilled.

When operating with an air drill, the compressed air flow has to be of maximum pressure of 700kPa (100psi) and the base has a port available, controlled by a safety valve which only allows air to flow to the air drill when the base is firmly fixed to the surface to be drilled.

Standard carriage configuration gives an operating travel of 280mm from base of chuck to surface and with the carriage inverted, it gives 380mm. Carriage is operated by a rack and pinion with 13:1 ratio.

The drilling mast is able to be moved left or right by 15° to get into difficult areas.

With an air drill fitted – the unit can be used underwater.



DRILLMATE - THE FORCE BEHIND THE 'HOLE' WORLD

Battery Drill Attachment requires a torque arm which fits to the side of the carriage, utilising the belt clip attached to the battery.

For different types of drilling, there are three kits available:-

Kit #1 – drill chuck – for standard drilling with twist drills, holesaws, thread tapping etc.

Kit #2 – mini cutter arbour – to accept Drillmate Mini Cutters from 8mm-25.5mm dia.

Kit #3 – to accept broach cutters with 19mm shank and a DOC up to 35mm and 40mm Dia.

** Kits #1, 2 and 3 are not included. Does not include drills.*



Thread Tapping
up to 16mm



Broach cutting up to 40mm Dia. with Kit #3



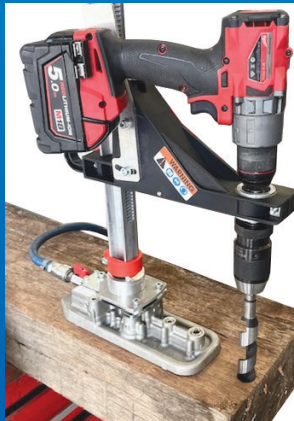
Holesawing up to 100mm Dia.



Mini Cutter with Standard arbour in chuck



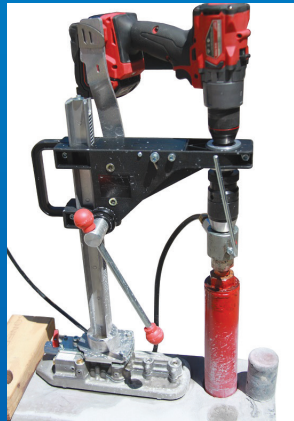
Air supplied from safety valve, which delivers air only when the vacuum plate is fixed.



Easy drilling with wood augers up to 300mm long with inverted carriage



Drilling aluminium Checker plate with 100mm holesaw



Drilling with 55mm Core drill into high stress concrete Up to 300mm deep



Concrete drilling with SDS drill Core drilling can be achieved with inverted carriage Up to 300mm deep

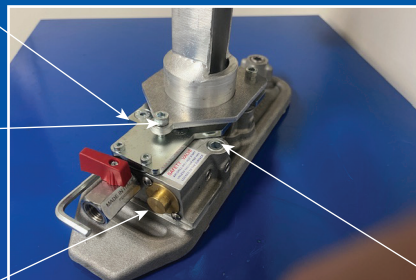


Long series drill up to 360mm long.

Release Button

Locking screws for drill mast rotation

Air drill safety valve will only open when the vacuum base is secure



Air port for air drill



Standard & inverted torque arms included.

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