

DRILLING AND BORING MACHINE *ø 600 to 1000, stroke 400 mm*



APPLICATION

This machine is being used in a submarine construction shipyard. It has been primarily designed to re-machine holes after an oxy/acetylene cut.

Those holes are being made on a steel double hull which is 35 mm thick. Both hulls are spaced thanks to stiffener.

MACHINING CONDITIONS

The machine is made in 2 parts, centered and welded on each side of the hole to be machined. The machining operations on 600 to 1000 mm diameter, are achieved using carbide inserts.

- Feed stroke: 400 mm
- RPM (unload) :64 RPM
- Cutting speed :160 m/min on ø 800

TECHNICAL SPECIFICATIONS

Feed system through a clutch and a star wheel (linked to a feed screw) :

- pneumatic motor : 2 x 1,5 kW
- Weight : 350 kg
- Overall dimensions (cm) : 115x115x115