

Usitec : Portable machine tools

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Portable Boring and Welding machine series FA80

The modular concept of the machine gives a very easy and quick setup operation

- Feed Bar Motion Box
- Boring bar
- Rotation Box
- Control Box



Machining :

Machining diameter : Ø90 to 600 mm

Bar rotation speed : from 0 to 45 RPM

Heavier part : 80 Kg (boring bar)

Feed bar motion : Mechanical in accordance with rotation. Reversible and adjustable from 0 to 0,2 mm/rev.

Rotation : Electrical 2 ways with gear box and BRUSHLESS motor

Bar diameter : Ø80 mm

Bar standard length : 2 m

Overall machine weight : 150 Kg

Cutting tool type : Carbide insert.

Optional: facing attachment to machine thrust faces.

Welding :

Welding process : MIG/MAG

Welding diameter : Ø 80 to 600

Overall machine weight : 60 Kg.

Torch shaft diameter : Ø 30

Standard shaft length : 1,4 m

Welding wire diameter : Ø 0,8

Feed bar motion : Mechanical in accordance with rotation 2 ways and adjustable from 0 to 4 mm/rev



*This process is fully automatic and used only one electrical motor for the rotation motion.
The adjustable mechanical feed motion allow a 0 defect welding.*

**Machining and Welding kits could be sold separately.
The machine is delivered ready to use with complete centring kit, screws, welding torches, tool holders, carbide insert...**