

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



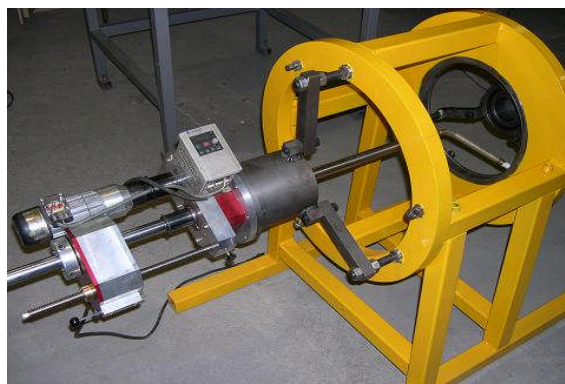
Machining :

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.
Reducer to use Ø 40 boring bar.*

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...**