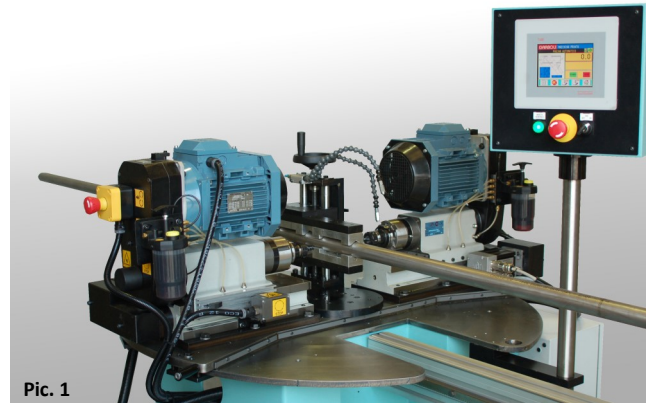




Soluzioni per la finitura



## FORUS CN Drilling machine for tubes



Pic. 1

### Technical features:

Boru min. / max. çap	10 / 100 mm.
Boring min. / max. diameter	5 / 50 mm.
Delme takım max rotation hız	300 - 1500 rpm.
Delme Motor	2,5 kw.
Brushless sürücü motor	2,2 Nm.
Delik delme açıları	+/- 40°÷90°
Ağırlık (1 üniteli version)	390 Kg.
Ölçüler ( 3 mt. Sürücü ile)	1300x3700xh.1700 mm.

### Description:

**Boring machine with CN control and brushless motors** to simplify working process, without any manual adjustment, suitable for PERPENDICULAR AND ANGLE DRILLING on round tubes, rectangular profiles, square tubes and metal plates with different sizes and made of various materials such as iron, stainless steel, brass, aluminium and titanium.

Machine is **MODULAR** and can be supplied with **single or double drilling unit** (Pict. 1).

**Boring unit** (Pict 2) is very sturdy and shifts on lubricated hardened steel slide guides. Spindle with diameter 90 mm. has a ISO 40 chuck, suitable for drill bits from 5 to 50 mm. Feed of the boring unit is made by recirculating screw ball with brushless motor. Drill motor speed is adjustable by Inverter equipment.

**Tilting table** (Pict. 3), on which the boring units are fixed, can turn by +/- 40°÷90° in order to obtain perpendicular or inclined holes.

**"Minimal" cooling/lubrication** of the drill bit is made by a pump nebulizing air and oil in programmed quantities and timings.

**Clamping device** for workpieces (Pict. 4) is SELF-CENTERING and has a clamping range from 10 to 100 mm.

**Touch screen controls panel** (Pict. 5), with CN operating system, allows to program drilling parameters and working cycle in a very simple and intuitive way.

**Workpiece holder and feeder** (Pict. 6), has a standard length of 3 mt. a self-centering locking spindle with 4 jaws for round, square and rectangular tubes locking and is capable to turn 360° MANUALLY or AUTOMATIC for making holes in every position. Workpiece feed is made by a master-rack device, that can be MANUAL with length reading system or AUTOMATIC with CN system (Pict. 8). A programmable mechanic stops system allows to manage multiple borings.

**Flow drill and threading operation:** the machine can be equipped for this kind of optional operations (Pict. 9)

### Basic machine price:

*Price ? ...compare it...but choose for "GARBOLI"...the original !!*

FORUS - n°1 CNC delme ünitesi, automatic sürme ve pnömatik sıkma ile	€
Safety devices according to CE rules	€

\* Accessori a richiesta: vedi foglio successivo

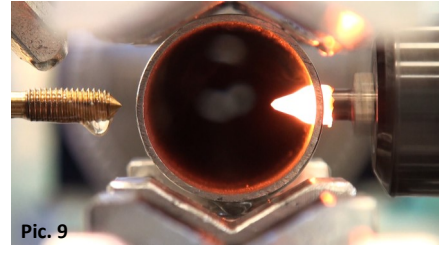
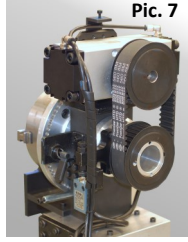
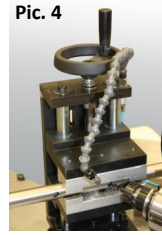
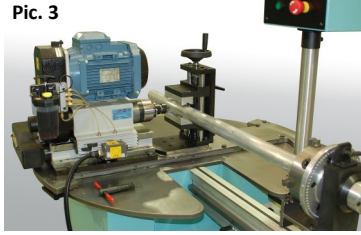
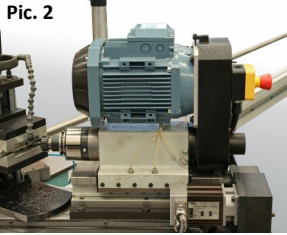
## Standard equipment:

- Motors voltage 400V / 50Hz ;
- "touch screen" controls panel CN operated;
- Boring unit with motors and lubrication system;
- Selfcentering clamping device with interchangeable set of clamping jaws;
- Air/Oil Lubrication - Cooling plant with n.2 hoses and nozzles;
- Workpiece holder and feeder for tubes with max length 3 mt.;
- Selfcentering spindle with n.4 straight and n.4 overturned jaws;
- Analogic programmable decimal reader;
- Mechanic stops for multiple borings;
- Adjustment wrenches;



## FORUS: equipment on request

Pic.	Code	Description	X	€	Price
2	A58.2	İkinci Delme Kafası		€	
9	A58.3	Opsiyonel "flowdrill" ve dış açma operasyonu (talebiniz olursa)		€	
	A58.4	İkinci delme ünitesi için özel Electro-mechanical / yazılım ön düzenlemeleri		€	
	A58.5	Ekstra sıkma çeneleri		€	
	A58MA	Delme için holding spindle R25		€	
	A58CA	Özel boru tutucu için ekstra yükleyebilme özelliği (for max lenght. 6 mt.boru boyu ile)		€	
8	A58RM	Automatic rotasyon, boru holding spindle		€	



## Sales terms:

Teslim zamanı	30/40 gün
Teslim yeri	İstanbul Gümrük
Paketleme	Ağaç palet
KDV	-
Ödeme	30% sipariş ile; 70% İtalya yükleme öncesi



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