

TRONIC®



FORGE



Saving

Lowest energy consumption in the industry (max. 35 kW/h). The integrated lubrication allows the life of the dies to be tripled. Rejects are reduced from 1.5% to 0.4%.



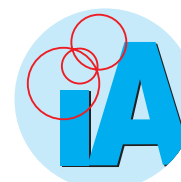
End product

High flexibility and wide range of products that can be forged. Burr-free forging ensures high product quality and a reduction of raw material used.



Challenges never end,
neither do **SOLUTIONS...**

FORGE TRONIC®



AUTOMAZIONI INDUSTRIALI S.r.l.



Productivity

It produces up to 6000 pcs/h, forging four parts at a time. Setup time reduced by 50% compared to standard.



Usability

It is based on the CNC philosophy, in fact every parameter is adjustable in real-time. It is programmable offline via dedicated CAD-CAM.



WITHOUT FORGE TRONIC® → WITH FORGE TRONIC®



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Did you know that we forge
without burrs?

FORGE TRONIC®



FT

MODEL	CLAMPING FORCE	PUNCHES	PUNCH STROKE	PUNCH CAPACITY	AVERAGE ENERGY CONSUMPTION	PRODUCTION CAPACITY
FT	kN	Type	Mm	Ton	kW/h	Parts per hour
FT 3000HC	1000	ELECTRIC	0/80mm	4x50	25	5000
FT 3500HC	1000	ELECTRIC	0/80mm	5x60	25	5000
FT 7100 HC	2600	ELECTRIC	0/107mm	4x150/180	35	4500
FT 7100 HC +	2600	ELECTRIC	0/107mm	4x240	35	4000
FT 7100 HC 5	2600	ELECTRIC	0/107mm	5x150/180	35	4500
FT 7100 HC 5 +	2600	ELECTRIC	0/107mm	4x240 + 1x150/180	35	4000
FT 7100 AP	2600	ELECTRIC	0/107mm	3x180 + 1x75 (adjustable)	35	4500

Forge Tronic FT

Electric press for hot metal forging. Particularly suitable for forging brass and Eco Brass fittings and valves, such as bends.

Products that can be forged

Bends - Ball Valves - Y Fittings - Tees - Crosses
Elbows - Couplings

ADVANTAGES

Burr-free parts

High productivity: 4800 pcs/h (4 pcs/time)

Zero vibration and noise

Energy consumption reduced by 66%

Real-time adjustments

No foundation work required



VT

MODEL	CLAMPING FORCE	PUNCHES	PUNCH STROKE	PUNCH CAPACITY	AVERAGE ENERGY CONSUMPTION	PRODUCTION CAPACITY
VT	kN	Type	Mm	Ton	kW/h	Parts per hour
VT 180/150	1800	ELECTRIC	0/80mm	150	20	6000
VT 260/180	2600	ELECTRIC	0/80mm	180	25	5000

Forge Tronic VT

Electric press for hot metal forging. Particularly suitable for forging brass and Eco Brass fittings, such as nuts.

Products that can be forged

Nuts - Nipples - Sleeves - Couplings

ADVANTAGES

Burr-free parts

High productivity: 6000 pcs/h (4 pcs/time)

Zero vibration and noise

Energy consumption reduced by 66%

Real-time adjustments

No foundation work required