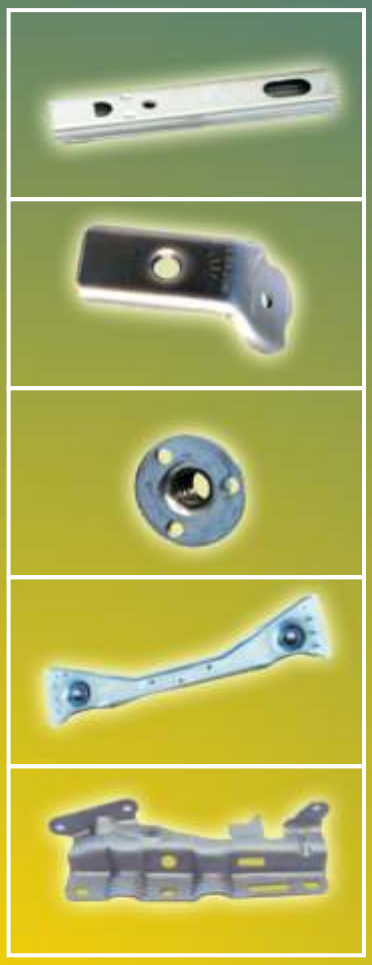
JOLLYTAP

220Volt touch screen



threading technology

NEW

- reduced size
- constant and variable tapping speed
- tap wear control; tapping torque control
- control of carried out threading
- lubrication of the tap at every single stroke

cutting threadings

cold formed threadings

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JOLLYTAP

The JOLLYTAP with new touch screen, PLC Siemens and SPS (fig. 1) is an electronic-digital tapping unit able of executing tapping in dies and in special equipments simply and easily, automatically, independently on the die's stroke.
JOLLYTAP is driven by a 220V motor with variable speed and by an authomatism controlling all phases of the tapping action.
The touch screen (fig. 3) lets an easy view on the tapping parameters and it lets to do an easy and intuitive set-up with memory of alarms that occur during the production.
All you need is an electrical impulse (start) to execute the tapping automatically, always with the possibility of controlling the speed, the tapping depth, the torque and completion of threading action.
Unlike more traditional mechanical systems by rack, pinion or screw, Jollytap offers numerous advantages:
- easy installation and maintenance
- long life
- tapping independent from die's stroke in any position: horizontal, vertical, at any angle
- reduced size
- threading control
- tap is brought automatically in line with the hole
- automatic lubrication of tap at every stroke
- threading of blind holes
- left hand tapping (on request)

The digital panel (fig. 1) permits the easy control of:
- thread depth;
- tapping torque;
- tap wear;
- tap not lubricated;
- end of tapping;
- output alarm to stop the press.

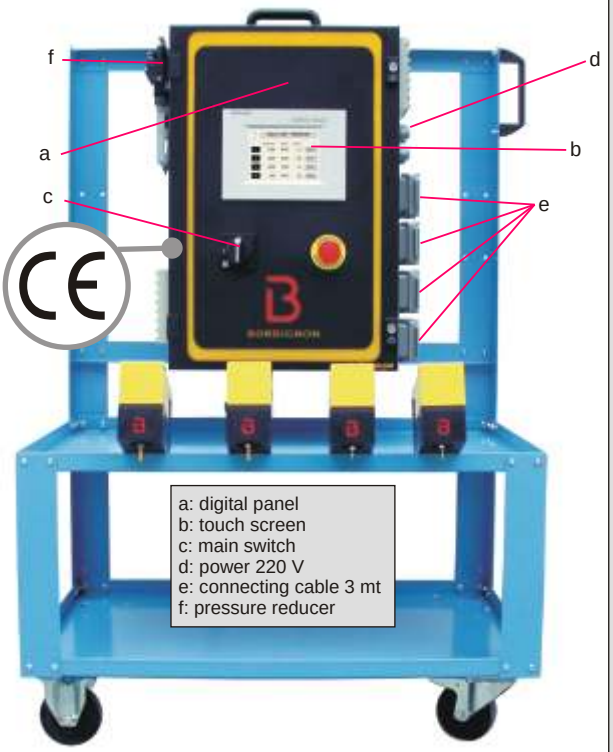
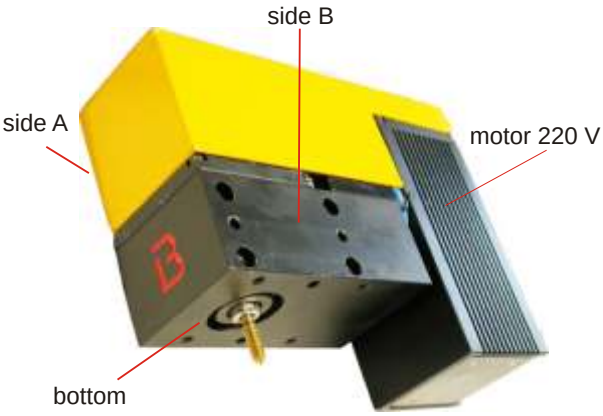


Fig. 1: 4 tapping units with a digital panel



Fixing of the tapping unit can be done on both sides A and B or on the bottom (fig. 6)

Fig. 2

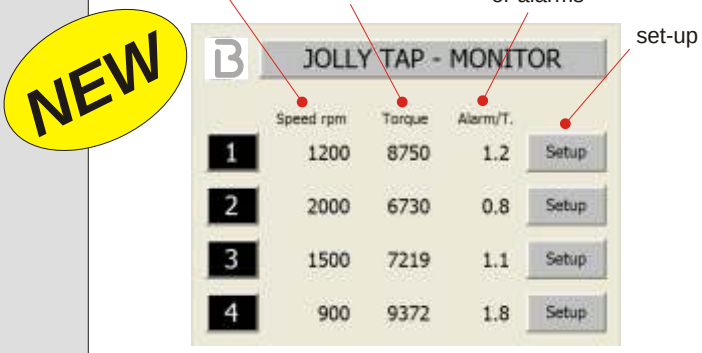


Fig. 3: touch screen Siemens

Standard lubrication

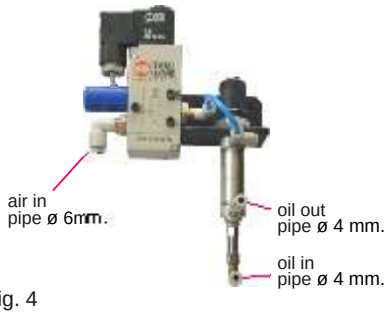


Fig. 4

Minimal lubrication (optional)

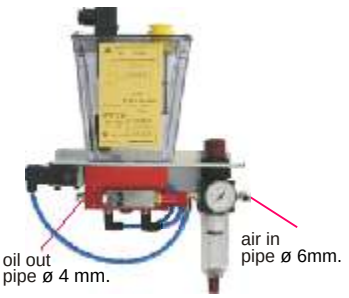


Fig. 5

On one side of the panel lies the lubricating pump (fig. 4), with the function of lubricating the tap at every single stroke.
The amount of lubricant used is easily regulated.
The pressure reducer “f” governs the entry power of the tap in the hole for about 2-3 threadings.

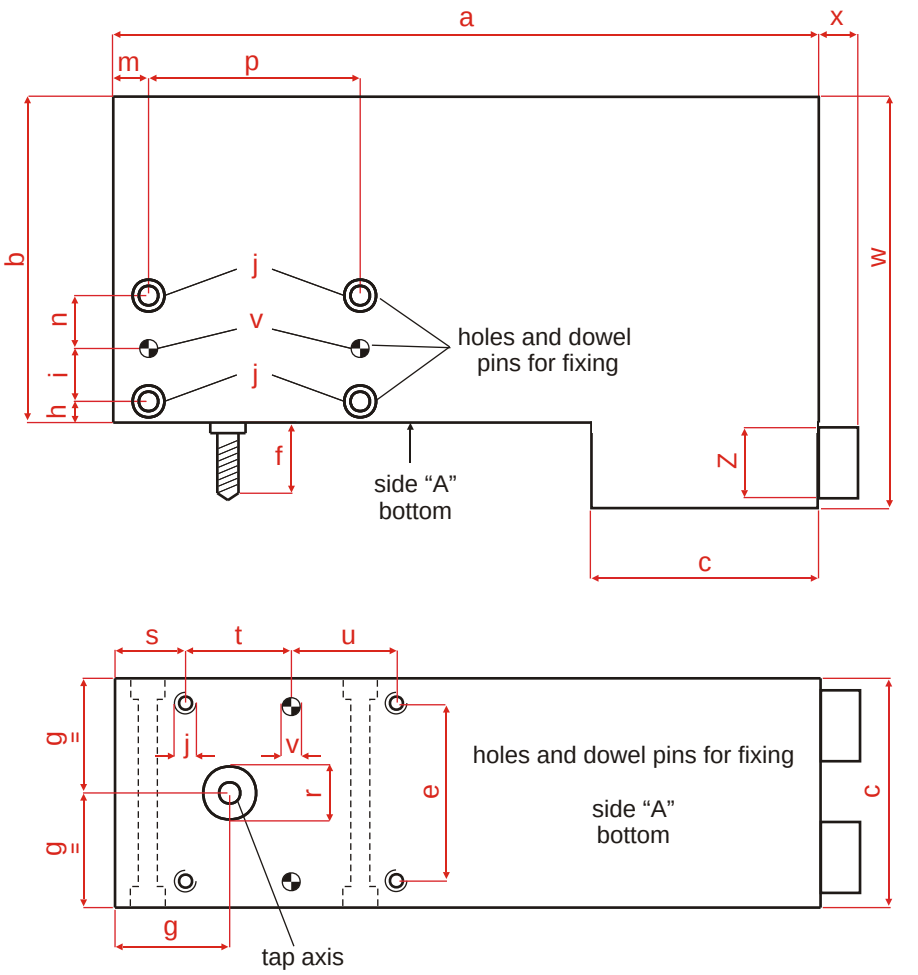


Fig. 6

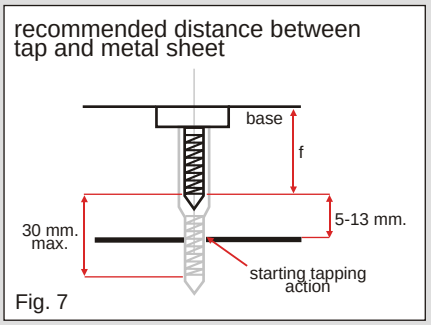


Fig. 7

CAD data

dxf - dwg

Max. number of strokes depends on the diameter of the tapping and on the lubricant.
For further information, contact our technical office.

Model STEM-1 for threads from M2 to M8

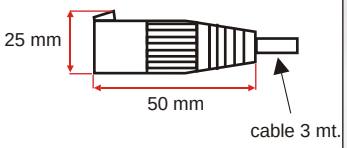
Model STEM-2 for threads from M8 to M12

Ref. n°	a	b	c	e	g	h	i	j	n	m	p	r⬣	s	t	u	v	w	x	z ø
STEM-1	200	120	65	50	32,5	6	15	M5	15	10	60	13	20	30	30	5	150	10	30
STEM-2	250	135	90	60	45	7,5	20	M6	20	15	80	18	25	50	50	5	165	10	30

f	M 2	M 2.5	M 3	M 3.5	M 4	M 5	M 6	M 8	M 10	M 12
STEM-1	12	12	14	16	17	18	20	23	-	-
STEM-2	-	-	-	-	-	-	-	25	30	40

Back side

connections to the motor



TECHNICAL FORM:

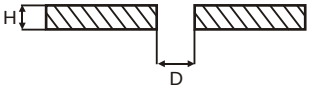
☐  cold forming tap

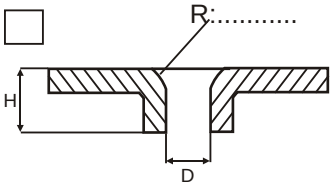
☐  cutting tap

Tapping: M.....

Material to tap: ..... Tensile strength (N/mm2): .....

D: .....mm. H:.....mm.

☐ 

☐ 

Strokes per minute: n.....

Usable threading time:.....

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