

WORKSTATION SERVOPRESS

Data sheet

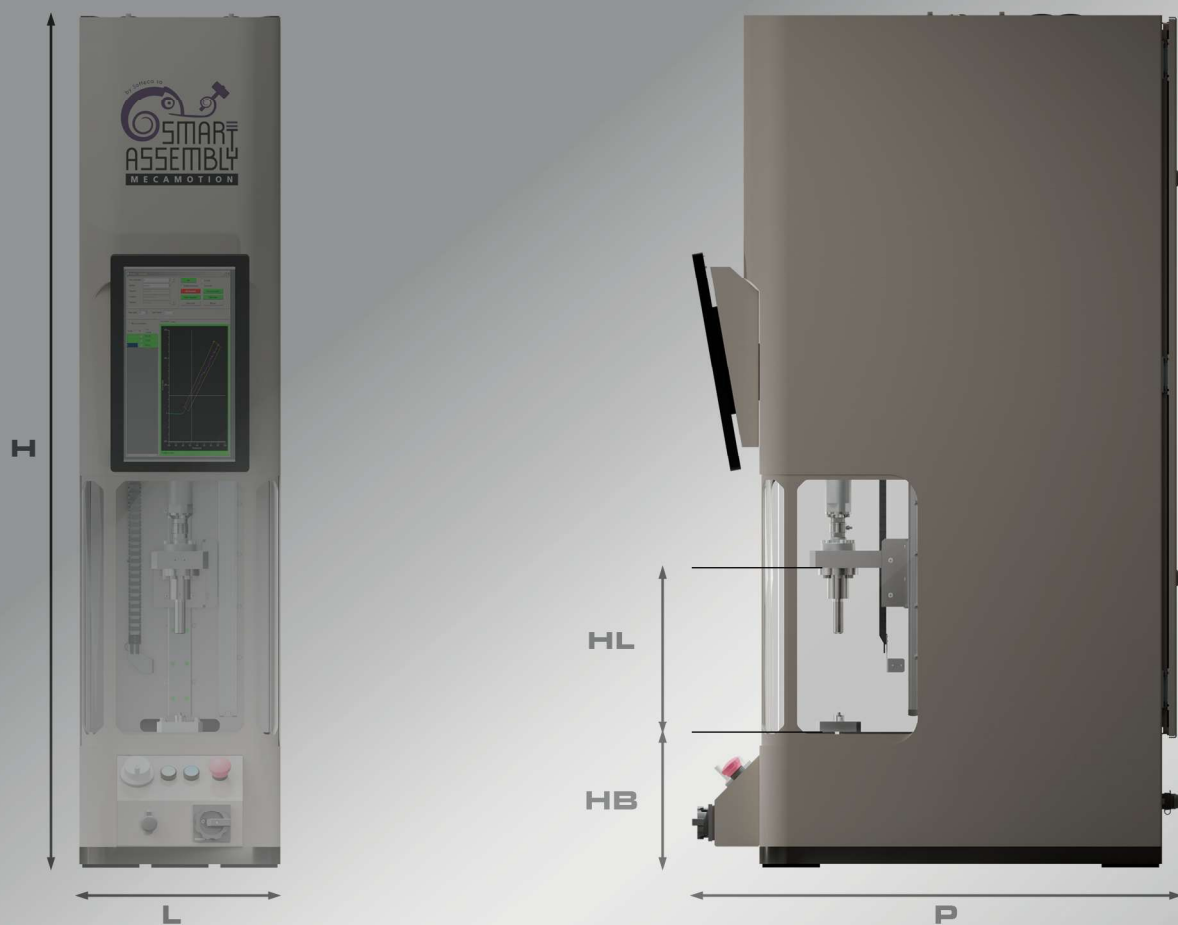


SOFTTECA

AUTOMATION | SERVOPRESS

Softeca SA | Champs-Montants 16 b-c | CH - 2074 Marin

External dimensions



Caractéristiques		
Rated force	5 kN	10 kN
Stroke	230 mm	320 mm
Hold time at rated force	4s	4s
Continuous force	3.5 kN	9.3 kN
Maximum tool load	15 kg	45 kg
Rated speed	230 mm/s	230 mm/s
Slow speed	0.01 mm/s	0.01 mm/s
Repeatability (at constant °C)	< 0.01 mm	< 0.01 mm
Weight	380 KG*	685 KG
Ingress protection	IP 54	IP 54
Force accuracy	0.5% effort nominal	0.5% effort nominal
Dimentions (mm)		
Height (H)	env. 1050*	1488
Width (L)	env. 235 *	352
Depth (P)	env. 650 *	842
Bench height (HB)	env. 100*	236
Clear height (HL)	env. 310*	420

*Temporary
(estimate)

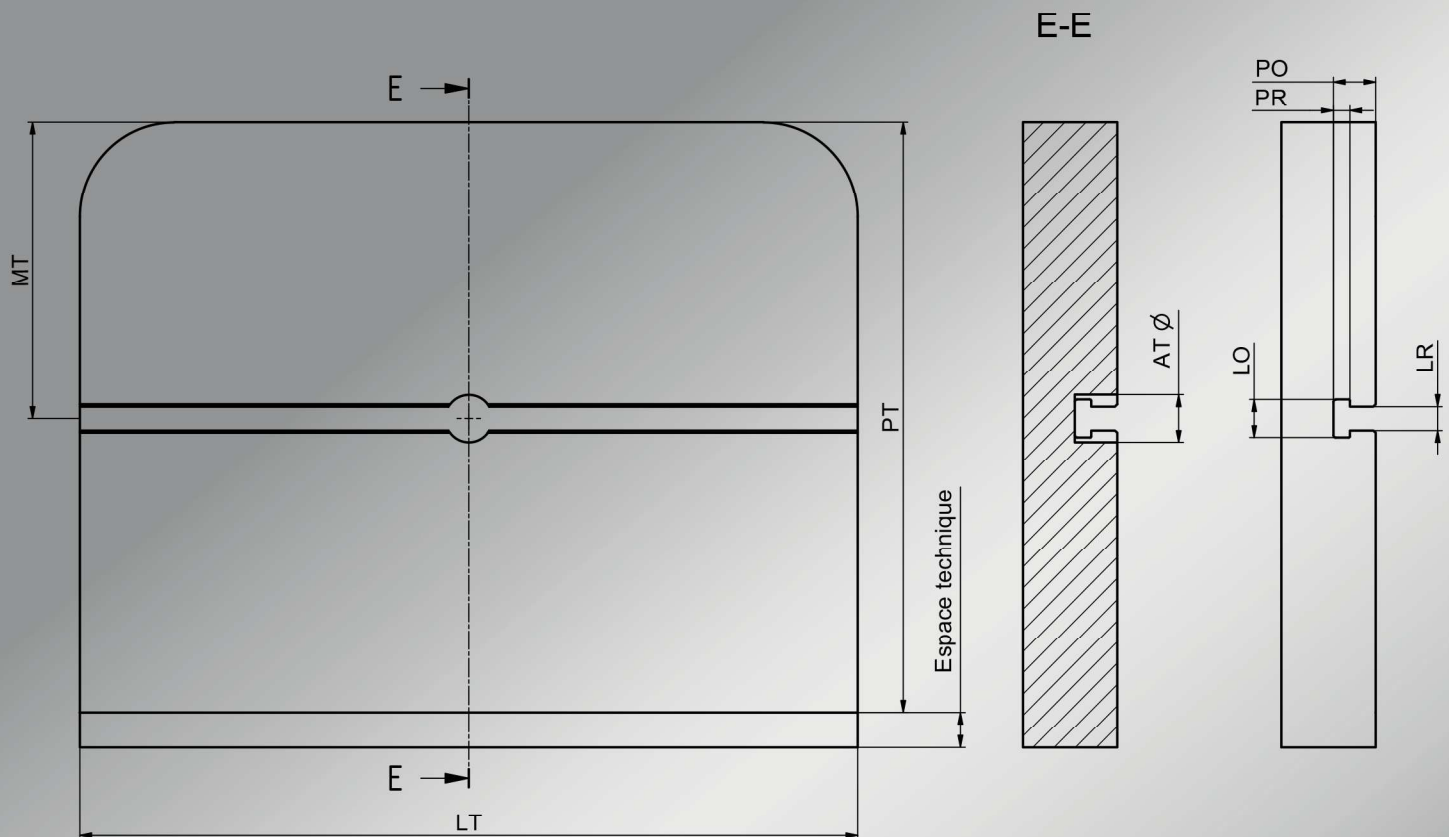
Press center distance



Tool spacing (DX) (mm)	
5 kN	226*
10 kN	354

*Temporary
(estimate)

Work area dimensions



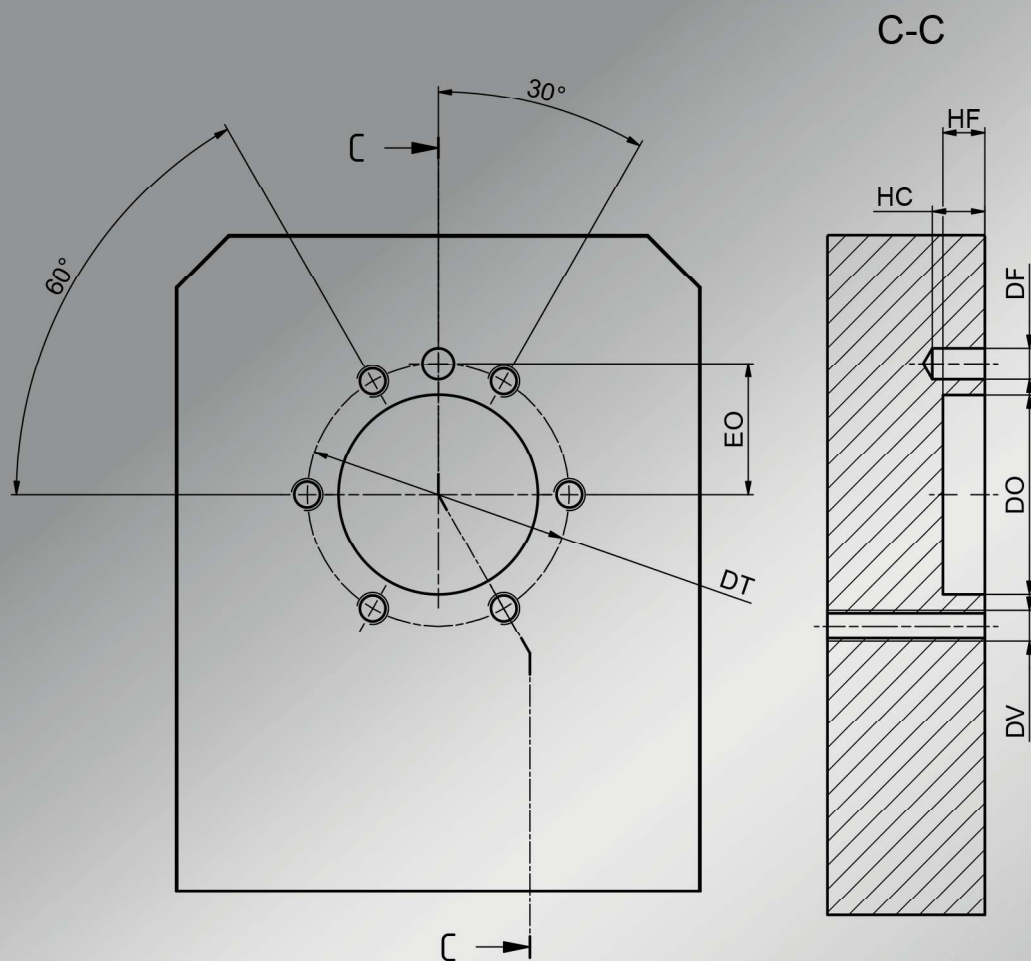
Dimensions espace de travail (mm)		
Rated force	5 kN	10 kN
Width (LT)	200	330
Depth (PT)	180	250
Central bore (AT) (H7)	20	20
Slot width (LR)	10	10
Head width (LO)	16	16
Head depth (PR)	7	7
Total depth (PO)	18	18

Options

Options		Position
Optical linear encoder	Résolution 1 nm / Accuracy grade +- 3u	1
Sensor	Thin-film	2
Sensor	Piezzo	3



Tool fixation

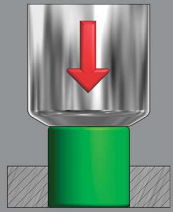


Dimensions (mm)		
Rated force	5 KN	10 KN
Emplacement outil		
DO Ø (H7)	38	38
EO (+0.01)	25	25
DT Ø	50	50
HC	10	10
DF (H7)	6	6
HF	8	8
DV	M6	M6

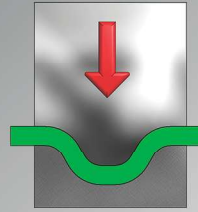
Order code

Options		Numéro d'article			
Product type	Workstation	WPB			
Nominal force	5 kN		005		
	10 kN		010		
Force sensor	Couches mince			CM	
	Piezo			PZ	
Optical linear encoder	Oui				RE
	Non				NO
Oredring example					
		WPB	010	CM	RE
My order		WPB			

Use cases



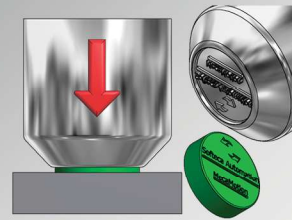
Joining



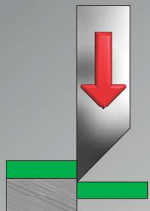
Bending



Joining blind hole



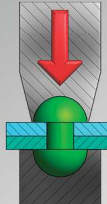
Stamping marking



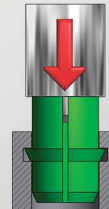
Cutting



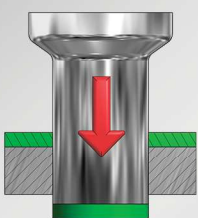
Measuring



Riveting



Clipping



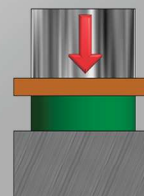
Punching



Rigidity
spring testing



Tensile test



Press bonding

Contact

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