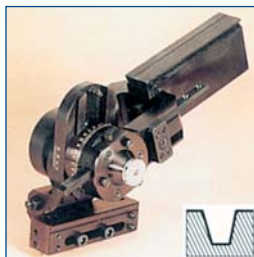
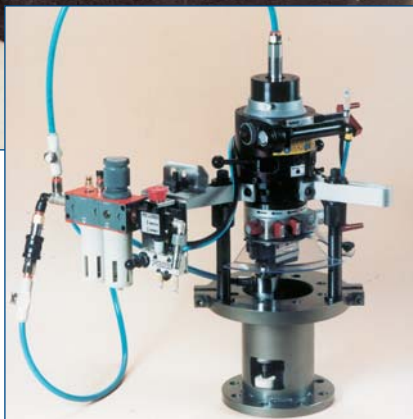


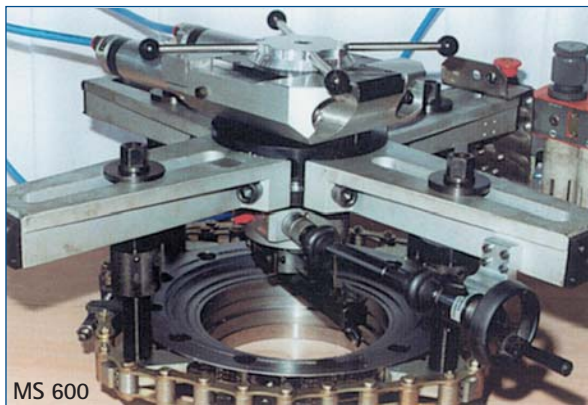
General view of the standard accessories.



SERCO AC 38
Equipment for conical machining. It can be adapted on all SERCO machines TU and TA.



SERCO UR
Grinding unit to remachine valve seats. It can be used with all SERCO machines TU and TA.



MS 600



SERCO XP 600 on FC 745

The SERCO machines MS and XP have been especially designed for flange facing operations in all industrial areas.

The XP model is a version with reduced height for facing between flanges.

Technical description				
Type	MS 600	MS 2300	XP 600	XP 1200
Facing Ø (mm)	0 to 600	1200 to 2300	0 to 600	0 to 1200
Clamping Ø (mm)	240 to 680	1250 to 2500	200 to 660	500 to 1400
Axial stroke (mm)	32	50*	/	25*
Radial stroke (mm)	40	100	40	100
Weight (kg)	65	1600	25	200
Height (mm)	300	750	standard 150 option 120	350

* Axial stroke with taper

For any other specific machining equipment, lapping machines or onsite service, do not hesitate and contact us.



on site machining units





technical specifications

Since its creation in 1984, the SERCO company has been particularly specialized in solving its customers on site machining problems. Thanks to their location in the Rhône valley, the SERCO workshops are in the heart of nuclear and petrochemical industry.

The SERCO units are positioned and locked by means of a column/arm system resting on the outside diameter of the part to be machined (allowing internal machining).

Machine installation is quick and easy. After a first visual positioning, we can get in a few minutes, using a simple specific device, a parallelism and concentricity within a 1/100 of mm precision. A powerful air motor drives the tool rotation (hydraulic motors on request) and radial automatic feed (with a choice of two speeds).

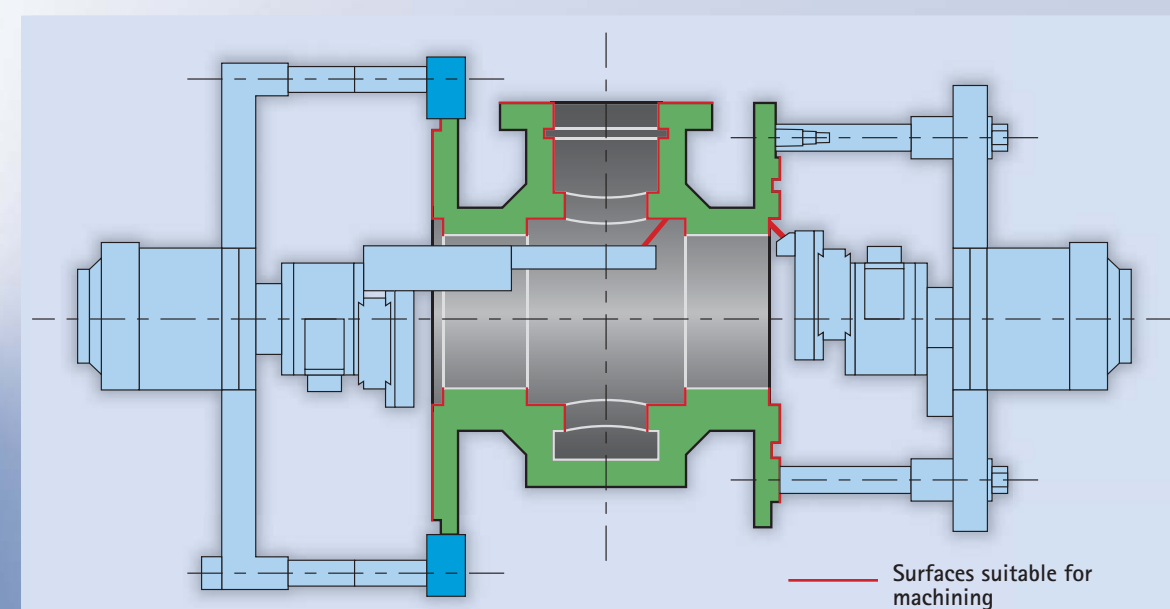
on site machining units

Portable pneumatic machines for facing and boring

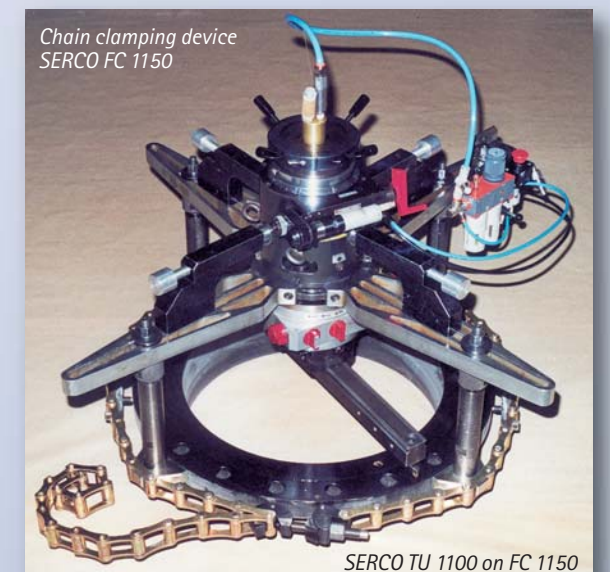
Type	TU 200	TU 400	TU 600	TU 1100	TA 240 with TA 120	TA 240 with TA 170	TA 240 with TA 220
axial stroke in mm	70	100	135	150	240	240	240
axial auto-feed** in mm/mn	/	0 to 12	0 to 12	0 to 12			
• with regulator muffler	/	0 to 24	0 to 24	0 to 24	0 to 24	0 to 24	0 to 24
• without regulator muffler	/	0 to 24	0 to 24	0 to 24	0 to 24	0 to 24	0 to 24
radial stroke in mm	30	40	60	100	40	60	100
radial auto-feed** in mm/revolution (2 speeds)	/	0,05 & 0,15	0,05 & 0,15	0,062 & 0,186	0,05 & 0,15	0,05 & 0,15	0,06 & 0,186
automatic rapid return in mm/revolution	/	0,4	1	1,24	0,4	1	1,24
mini facing Ø in mm	0	0	0	0	0	0	0
maxi facing Ø in mm	200	400	600	1100*	400	600	1000
mini clamping Ø in mm	100	220	250	280	265	265	350
maxi clamping Ø in mm	290	430	720	1210	735	735	1210
driving motor maxi power in Watt (with 6 bar)	150	780	780	570	780	780	780
driving motor free speed in révolution/mn	170	80	80	50	150	80	80
axial feed motor maxi power in Watt (with 6 bar)	/	150	150	150	530	530	530
working air pressure in bar	5 to 7	5 to 7	5 to 7	5 to 7	5 to 7	5 to 7	5 to 7
air consumption in l/mn	350	1500	1500	1450	1500	1500	1500
weight in kg	15	35	65	120	130	140	145

*please contact us for other Ø / **clutched for the manual feed / OPTION : hydraulic motor on request.

Applications



SERCO TU 600



Chain clamping device
SERCO FC 1150

SERCO TU 1100 on FC 1150



SERCO TU 400