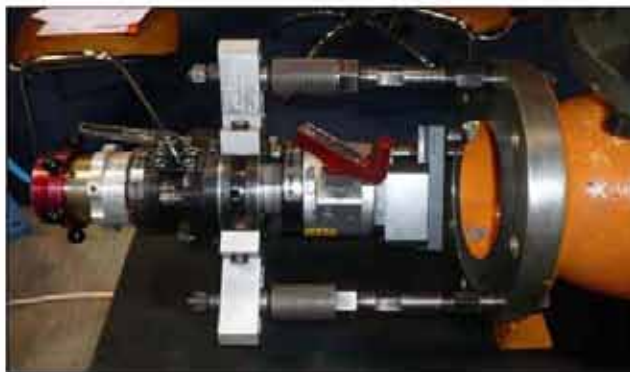


The **SERCO** machines are positioned and locked by means of a column / arm system fixed on the outer part of the part to be machined. This clamping principle allows to perform internal machining works. The set-up of the machine is easy and fast.

The **SERCO** TU 200 / TU 400 / TU 600 / TU 1100 / TU 1200 unit can be adjusted very accurately ( concentricity and parallelism with a 1/100th mm precision).

Machining accuracy: an accuracy of 1/100thmm with Ra up to 1.6 can be achieved.



SERCO TU 200



SERCO TU 400



SERCO TU 600



SERCO TU 1100



SERCO TU 1200

<b>MODEL</b>	<b>MACHINE DIAMETER RANGE (MM)</b>	<b>CLAMPING DIAMETER RANGE (MM)</b>	<b>WEIGHT (KG)</b>
TU 200	0 - 200	100 - 290	15
TU 400	0 - 400	220 - 430	35
TU 600	0 - 600	250 - 720	65
TU 1100	0 - 1100	280 - 1210	120
TU 1200	0 - 1200	280 - 1410	140

## PORTABLE FACING MACHINE - RTJ

### DESCRIPTION OF THE SYSTEM RTJ VERSION 1

#### **Machining or RTJ Groove surfaces:**

Conical machining - Machining of 2 slopes (internal and external) with a 23° angle to the verticle line  
Machining of the bottom of the groove.

The conical machining for RTJ groove surfaces is performed with an automatic feed while combining the radial and axial feeds of the portable SERCO standard machine. Angular accuracy: 15' /  
Machining accuracy: 0.01mm / Roughness: Ra 1.6

#### THE DEVICE RTJ ENABLES TO PERFORM /

Horizontal machining works - facing operation

Vertical machining works - boring operation

Conical machining works - RTJ ( 23° ) or any angle ( 30° , 45° etc. )



### DESCRIPTION OF THE SYSTEM RTJ VERSION 2

#### **Machining or RTJ Groove surfaces:**

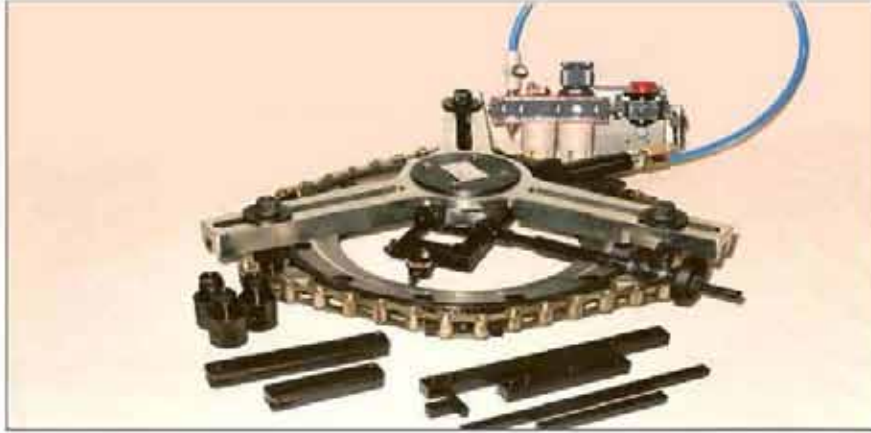
- Conical machining - Machining of 2 slopes ( internal and external ) with a 23° angle verticle line
- Machining of the bottom groove.

The conical machining for RTJ groove surfaces is performed with an automatic feed while combining the radial and axial feeds of the portable SERCO standard machine. Angular accuracy: 15' /  
Machining accuracy: 0.01mm / Roughness: Ra 1.6



The **SERCO** machines are positioned and locked by means of a column / arm system fixed on the outer part of the part to be machined. This clamping principle allows to perform internal machining works. The set-up of the machine is easy and fast.

The **SERCO** XP 600 / XP 1200 / XP 1800 / XP 2000 / XP 2200 machine can be adjusted very accurately (concentricity and parallelism with a 100th mm precision).  
 Machining accuracy: an accuracy of 1/100th mm with Ra up to 1.6 can be achieved.



**SERCO XP 600**  
**PORTABLE EXTRA FLAT FLANGE FACING MACHINE**



**SERCO XP 1200 / XP 1800 / XP 2000 / XP 2200**  
**PORTABLE EXTRA FLAT FLANGE FACING MACHINE**

MODEL	MACHINE DIAMETER RANGE (MM)	CLAMPING DIAMETER RANGE (MM)	WEIGHT (KG)
XP 600	0 - 600	200 - 600	25
XP 1200	0 - 1200	500 - 1400	190
XP 1800	0 - 1800	500 - 2050	310
XP 2000	0 - 2010	750 - 2300	590
XP 2200	0 - 2210	750 - 2500	650