

US600R

US600R version 1

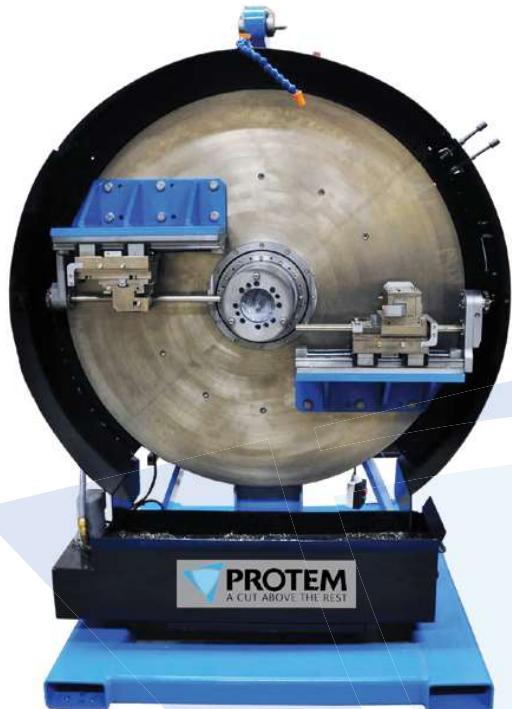
Ø 600 - 1000 mm (23.622" - 39.370")

DESCRIPTION:

The Protem US600-R is a transportable machine that performs custom bevels from 600 mm (23.622") up to 1000 mm (39.370") (version 1) or 1000 mm (39.370") up to 1500 mm (59.055") (version 2).

It is designed to perform bevels on rough tubes and pipes by using standard carbide inserts and can easily perform beveling jobs on wall thicknesses up to 4" wall pipe. The machine is hydraulically driven and connected to a 30 kW power pack.

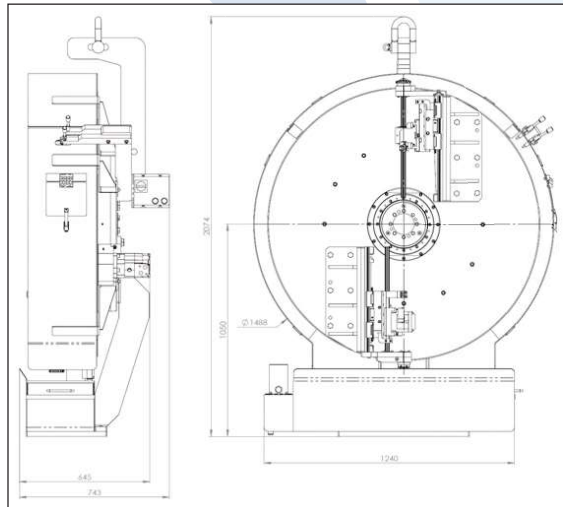
Accuracy is the keyword of the Protem US600-R whether for clamping or for the perfect beveling geometry.



ORDER NO.	DESCRIPTION
US600-R version 1	Inside clamping beveling and surfacing unit for tubes of 18" to 56" with copying carriage and spider clamping kit

Beveling	Cutting	Facing	Counterboring	Surfacing
✓	✗	✓	✓	✗

DIMENSIONS:



TECHNICAL FEATURES:

Machine	US600R Version 1
Machining Capacity	600 - 1000 mm
	23.622" - 39.370"
Clamping capacity	545 - 1000 mm
	21.456" - 39.370"
Tool feed	Adjustable
Tool rotation	Up to 50 rpm
Motor	Dual hydraulic drive

Copying carriage



The main feature of the Protem US600-R is its copying carriage, which allows the US600-R to perform any type of weld preparation such as, I-bevel, J-bevel, V-bevel, compound bevel, etc. with accuracy and repeatability. The US600-R can also machine any type of material, for instance; carbon steel, stainless steel, alloy, inconel, duplex or super-duplex. Our R&D engineers are able to adapt the machine to any type of welding preparation and material upon request.

OD MOUNTED MACHINING

US600R version 2

Ø 1000 - 1500 mm (39.370" - 59.055 ")



DESCRIPTION:

The US 600-R is simply the most suitable beveler for heavy wall tubes and pipes, large diameters and Increased productivity and efficiency.

This machine features many advantages:

- Transportable
- Wide size range
- For heavy wall thicknesses
- Copying carriage available for custom bevels
- High beveling accuracy
- Clamping accuracy with the spider clamping kit
- Premium weld end preparation
- Powerful hydraulic supply
- Easy to use
- Reliable machine in any condition thanks to a strong and powerful design
- Versatile
- Modular design
- Safe use on site and in your workshop.

ORDER NO.	DESCRIPTION
US600-R version 2	Inside clamping beveling and surfacing unit for tubes of 18" to 56" with copying carriage and spider clamping kit

Beveling	Cutting	Facing	Counterboring	Surfacing
✓	✗	✓	✓	✗

OPTIONS:

ORDER NO.	DESCRIPTION
US600-R-POSUI	ID tracking carriage to adapt to the pipe's ovality
US600-R-PODEL	Counterboring carriage
US600-R-OA	Optional adjustment arm
US600R-LUB	Lubrication kit
US600-R-K01	Wooden crate
US600-R-K02	US600-R-K02 Wooden crate for several uses
US600-R-K03	Wooden Crate with shrink wrapping (Recommended for shipment by boat)

TECHNICAL FEATURES:

Machine	US600R Version 2
Machining Capacity	1000 mm - 1500 mm
	39.370" - 59.055"
Clamping capacity	1000 mm - 1500 mm
	(39.370" - 59.055")
Tool feed	Adjustable
Tool rotation	Up to 50 rpm
Motor	Dual hydraulic drive

Spider clamping kit



The Protém US600-R is stabilized with a spider clamping kit which was designed to adjust the concentricity and squareness between the tube and the machine. This system is extremely accurate even with large diameter tubes.

ORDER NO.	DESCRIPTION
US600-R-SS	US600-R-SS Small spider clamping kit for diameters from 16" to 32" included in the price of the US 600 R
US600-R-BS	US600-R-BS Big spider clamping kit for diameters from 30" to 56"