

Machining of large components

MAN PrimeServ

Used components as good as new – no matter the size. Send us your worn components and get them back true to size. MAN PrimeServ Hamburg offers this service for marine, power, and industrial applications.

Time or budgetary constraints sometimes prevent worn components from being replaced with new ones. MAN PrimeServ Hamburg has the solution for all customers from the marine, power, and industry sectors.

Our workshop is quick, accurate, and flexible. Send us your worn components – no matter the size. We will return them as good as new. Our machinery systems allow us to carry out all kinds of machining work, including restoring components to their original dimensions.

Machining services

Marine and power generation

- Shafts
- Cylinder covers
- Cylinder liners
- Piston rods
- Engine frames (up to 3.5 m height)
- Crankshafts
- Other components on request

Turbomachinery and compressors

- Turbine housings
- Inner casings
- Rotors
- Stators
- Control valves
- Other components on request

Industrial and special equipment

- Electrical generators
- Blowers
- Gearbox housings
- Industrial applications (aluminum plants, steel- and copperworks)



360°

service offering

Large components welcome

Multiple applications possible

No matter the component, from gear housings to windmills, steam to gas turbines, engine frames to huge shafts. We rework them all with the highest precision.



Component ranges

	Unit	Value
X-axis travel	mm	10,000
Y-axis travel	mm	2,750
Z-axis travel	mm	1,000
W-axis travel (Drill spindle)	mm	700
Spindle diameter	mm	∅ 130
Tool holder		SK 50
Rotational speed range	min ⁻¹	5 - 2,950
Drive/ drive power	kW	42
Machine table clamping surface	mm	1,600x1,600
Maximum load	t	12
Machine table clamping surface (New)	mm	3,000x2,500
Maximum load (New)	t	51

Key benefits

- Machining of large parts with high precision based on many years of experience
- Highly flexible adjustment of the different working areas, e.g. steam-tight milling, high face parallelism
- Overall workshop planning (cleaning of large parts, machining on different lathes, assembly area, etc.) contributes to substantial time savings

A longer life for your parts

The point here is to give worn parts a longer life instead of replacing them with a costlier new part. The extensive service portfolio at PrimeServ Hamburg includes a center lathe, craning capacity for up to 160 tons, component cleaning, cracked part inspection, welding work, and much more.

Get in touch

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