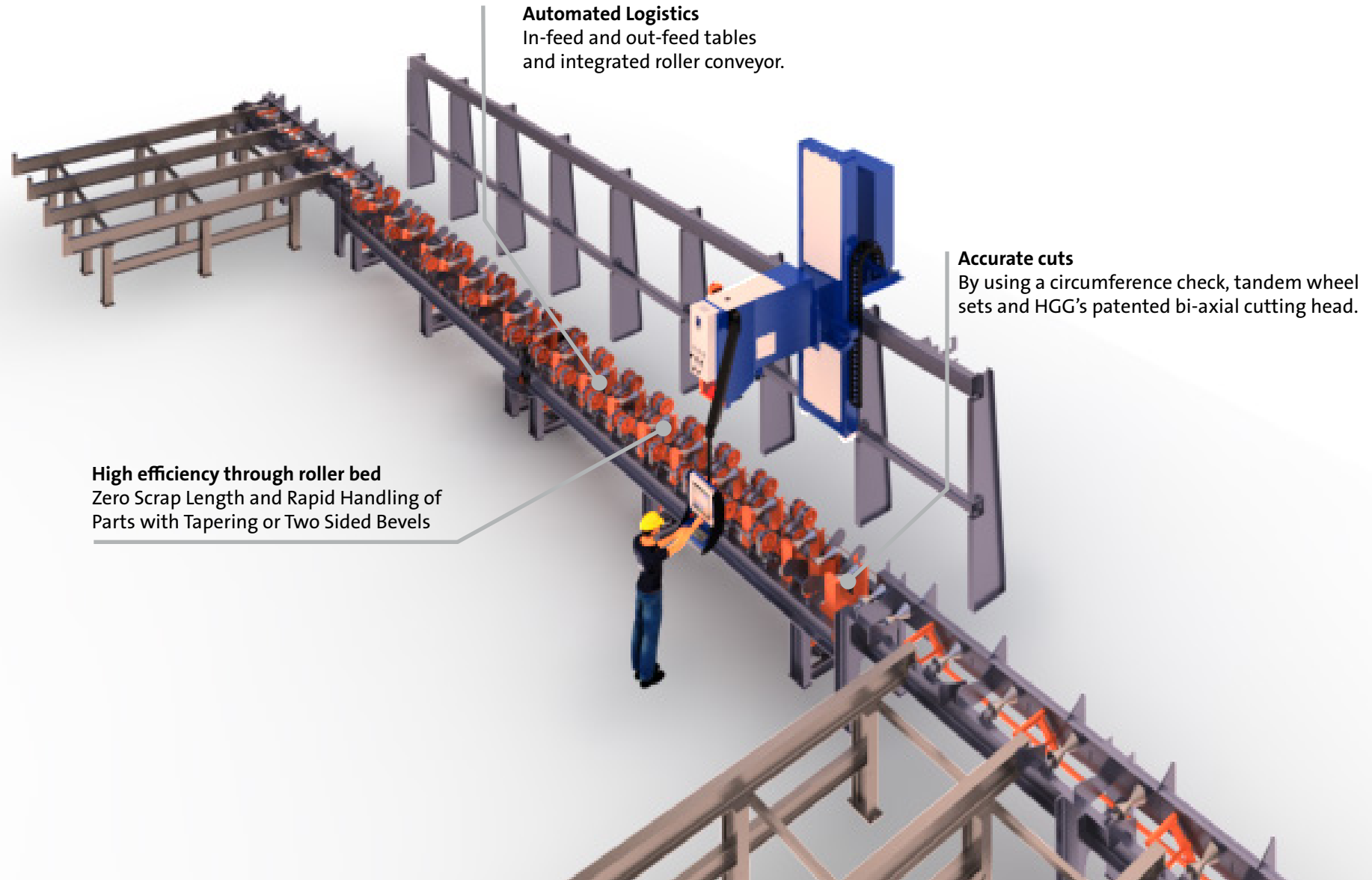




JPS Machinery Ltd
metalworking solutions

specialists
in 3D profiling

RBPC | Logistically Optimized Pipe Cutting Machine



RBPC | Logistically Optimized Pipe Cutting Machine

The RBPC is a CNC pipe cutting machine that supports and rotates the pipe by CNC driven rollers (roller bed) during cutting. Integrated conveyors will transport the pipes from an in-feed table to the roller bed for cutting. After cutting the same conveyor will transport the parts to the out-feed table. Using a roller bed as the pipe support system allows high productivity in the processing of larger production series.

			
RBPC 660	48 mm - 660 mm 2" - 26"	5t	6 m - 12 m* 20' - 40'
RBPC 1200	75 mm - 1225 mm 3" - 48"	18t	6 m - 12 m* 20' - 40'
RBPC 2000	250 mm - 2035 mm 9" - 80"	30t	6 m - 12 m* 20' - 40'

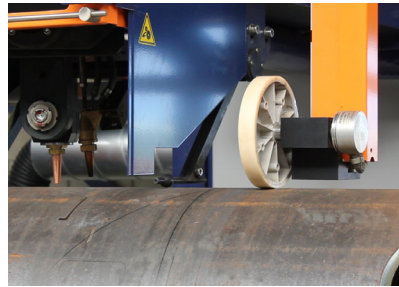
* More types available

Roller Bed



The roller bed is used to rotate and support the pipe. The tandem wheel sets can smooth unevenness of the pipe surface (like weld seams) to prevent vibrations during cutting and obtain accurate cuts.

Circumference Check



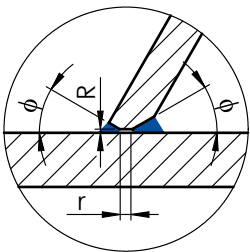
For accurate cuts, the RBPC can measure and compensate longitudinal movement of the pipe during rotation (creep) and circumference deviation of the pipe.

In- and out-feed conveyor



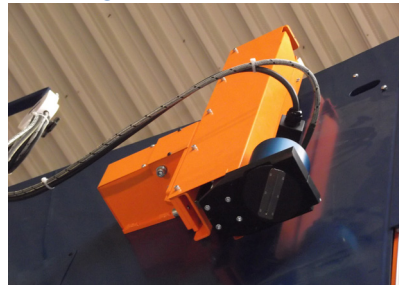
To even further improve the productivity of the RBPC, it can optionally be equipped with an in- and out-feed system. This will improve and speed up handling time of the pipes.

Tapering and double bevels



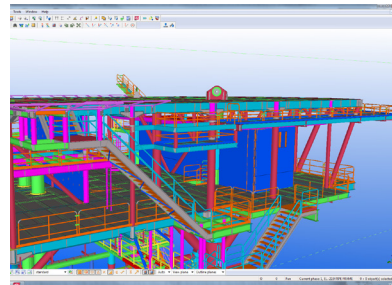
Having pipe rotation by a roller bed, the RBPC is the best machine available to cut profiling shapes with double bevels (for weld volume reduction) and tapering.

Marking



The optional marking system can even further improve your productivity. The RBPC can be equipped with punch, ink-jet or plasma marking systems.

ProCAD Tekla



With ProCAD, you are able to export your CAD design from Tekla to the machine without programming again.