

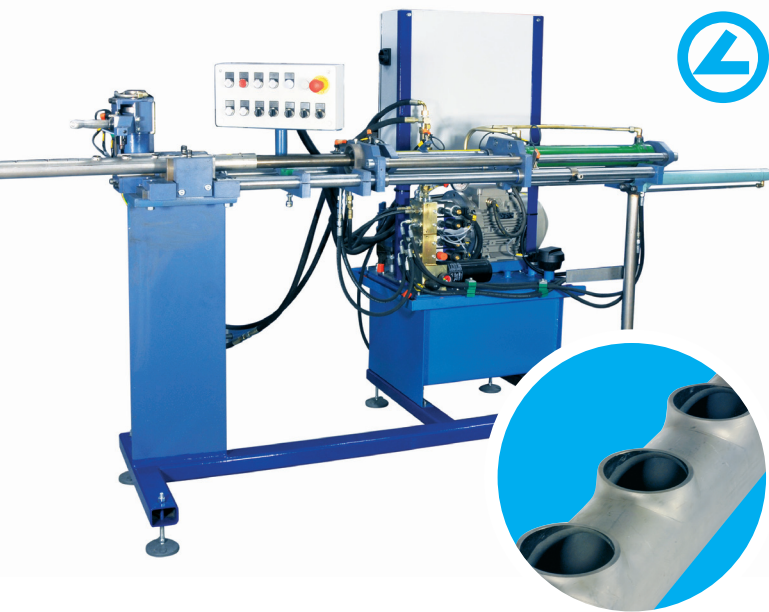


LARIKKA

Collaring | Welding | Cutting

Welcome inside

On most areas of industry utilizing tubular parts, e.g. *food* and *pharmaceutical industries*, the inner surface quality and especially the surface of the weld area in Tees and manifolds is critical. The innovative internal approach of LARIKKA collaring, welding and cutting technologies empower you to manufacture Tees and manifolds from high alloy materials, e.g. stainless steel, in high quality meeting the requirements of these areas of industries.



LARIKKA | **CylinCollar** Cylinder Internal Collaring

- For effective collaring of tubular parts
- Internal collaring process:
 - Provides high quality collars with smooth inner surfaces
 - One continuous working cycle minimizes work hardening
- Wide application range
- Suitable for:
 - Single or serial production
 - Tees
 - Manifolds
 - Special pipe components
 - Thin and thick wall thicknesses
- CNC or manually controlled
- Patented



LARIKKA | **CylinWeld** Cylinder Internal Welding

- For welding of diverse and challenging cylindrical pieces
- Internal welding process:
 - Leaves root outside
 - Makes visual check of weld penetration easy
 - Is fully automatic without filling wire
 - Frees outside of tubular part for fixings
 - Utilizes maximum performance of TIG -welding method
- Suitable for:
 - Batch and serial production
 - Single parts
 - Tees
 - Long manifolds with multiple branches
 - Tubular parts with saddle or straight weld
- CNC-controlled
- Patented

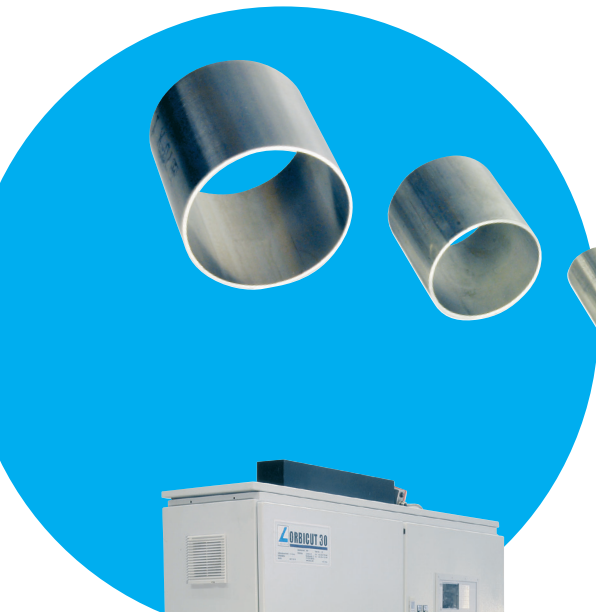
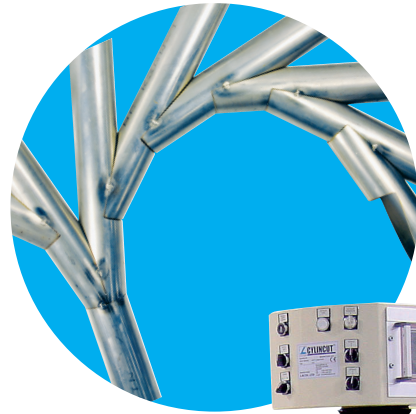




LARIKKA | CylinCut

Cylinder Internal Cutting

- For shape cutting pipes into any kind of shape
- Internal plasma cutting process:
 - Directs molten slag outside
 - Reduces corrosion risk
 - Eradicates need for any internal finishing process
 - Keeps pipe's internal surface intact and undamaged
 - Eliminates the need to move the pipe during the cutting
 - Enables faster production through maximized utilization of plasma's cutting speed
- CNC-controlled
- Extremely effective price / quality ratio in processing stainless steel



LARIKKA | OrbiCut

Orbital Cutting

- For high quality pipe cutting
- Orbital cutting process:
 - Provides even cutting surface directly suitable to orbital welding without filling wire
 - Offers diverse options for cutting results:
 - Cutting surface is free of burr, even and smooth
 - An even and small burr inside and / or outside the pipe's surface
 - A small burr on pipe's inner and / or outer surface with a chamfer in one of the four corner
 - A chamfer or shape cutting to all corners
 - Is fully automatic
 - Keeps pipe stationary while cutting inserts rotate outside the pipe
 - Does not damage pipe's outer surface
- Suitable for several pipe dimensions (OD 6 x1 – 114,3 x 2 mm)
- CNC-controlled
- Patent pending



LARIKKA Technologies for tubular parts

We are interested in

- Machine building according to customers' needs
- Selling of know-how