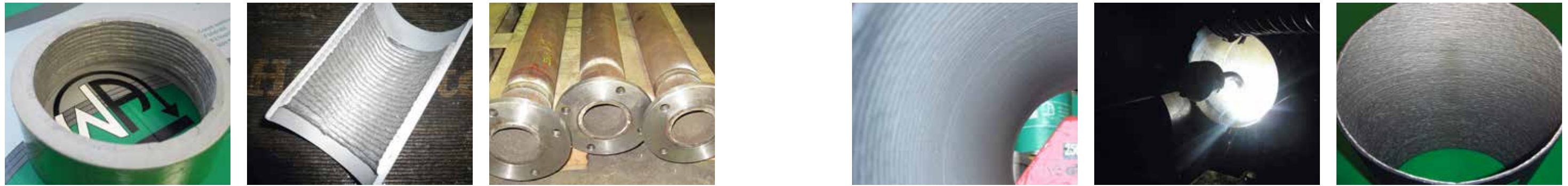




ID-Clad Tubes

Wear resistant pipes

ID-Clad Tubes: there is no better solution to protect!



ID Clad Tubes have an internal coating by hardfacing with cored wire and also a specified thickness. The selection of alloys is carried out in close cooperation with the customer and is selected for a specific environment. Medium, type of wear and operating temperatures are determining factors for the appropriate selection.

Features

- Internally clad seamless pipes
- Carbide-containing Welding Alloys special cladding wire
- Application of specific cladding wires
- Unalloyed, medium or highly alloyed pipe material
- Minimum pipe diameter of approx. 50 mm
- Layer thicknesses from 3 mm to 5 mm
- Lengths up to 3000 mm can be achieved
- Hardness of more than 800 HV (65 HRC)
- Minimal shrinkage and circular tube cross-sections through radial internal welding

Advantages

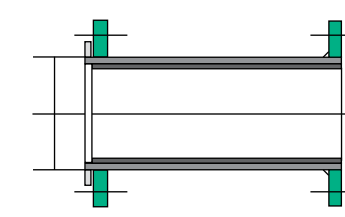
- Extreme wear resistance due to finely dispersed carbides in a tough matrix
- Customised components
- Easy handling due to very light weight
- Increased service life, less frequent replacement of the tube
- Simple assembly using Welding Alloys consumables



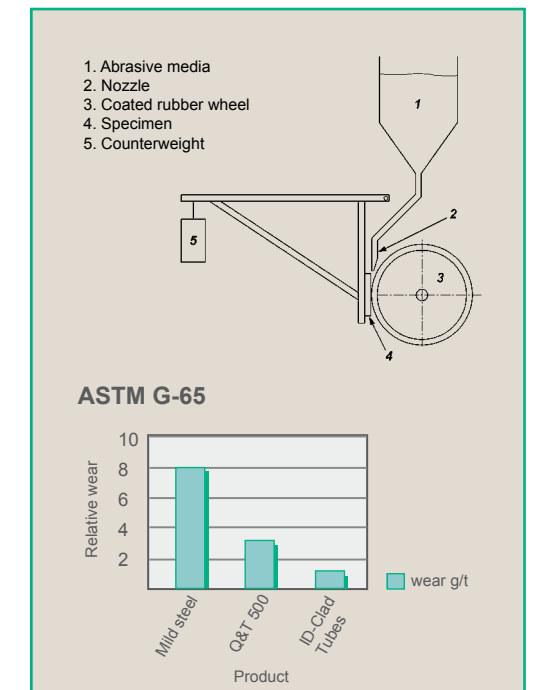
Internally clad pipes



Special carbide dispersion



Loose and fixed flange connection



Nominal sizes

Nominal diameters and dimensions		Wall thickness mm	Wear layer mm	Internal-Ø ID Clad Tube mm	Available length mm			ca. Weight per Metre kg/m
					1000	2000	3000	
NW 50	60.3 x 52.3	4	3	46.3	X	X		9.6
NW 50	63.5 x 52.3	5.6	3	46.3	X	X		12.1
NW 60	73.0 x 61.8	5.6	3	55.8	X	X	X	14.2
NW 80	88.9 x 79.9	4.5	3	73.9	X	X	X	15.7
NW 80	101.6 x 89.0	6.3	3	83	X	X	X	21.9
NW 100	114.3 x 103.1	5.6	3	97.1	X	X	X	23.3
NW 100	121.0 x 106.8	7.1	3	100.8	X	X	X	28.6
NW 125	146.0 x 131.8	7.1	3	125.8	X	X	X	35.0
NW 150	168.3 x 155.7	6.3	3	149.7	X	X	X	37.8
NW 175	193.7 x 181.1	6.3	3	175.1	X	X	X	43.9
NW 200	219.0 x 206.4	6.3	3	200.4	1000	2000	3000	49.9

Industry focus

- Cement
- Foundries
- Power plants
- Recycling
- Mining & Quarrying
- Steel plants
- Waste Incineration plants
- Pulp & Paper
- Brick manufacturing
- Agriculture



Our Technical 'Spark' Solves Your Industrial Challenges



WA Consumables

The go-to provider of advanced welding consumables



WA Machines

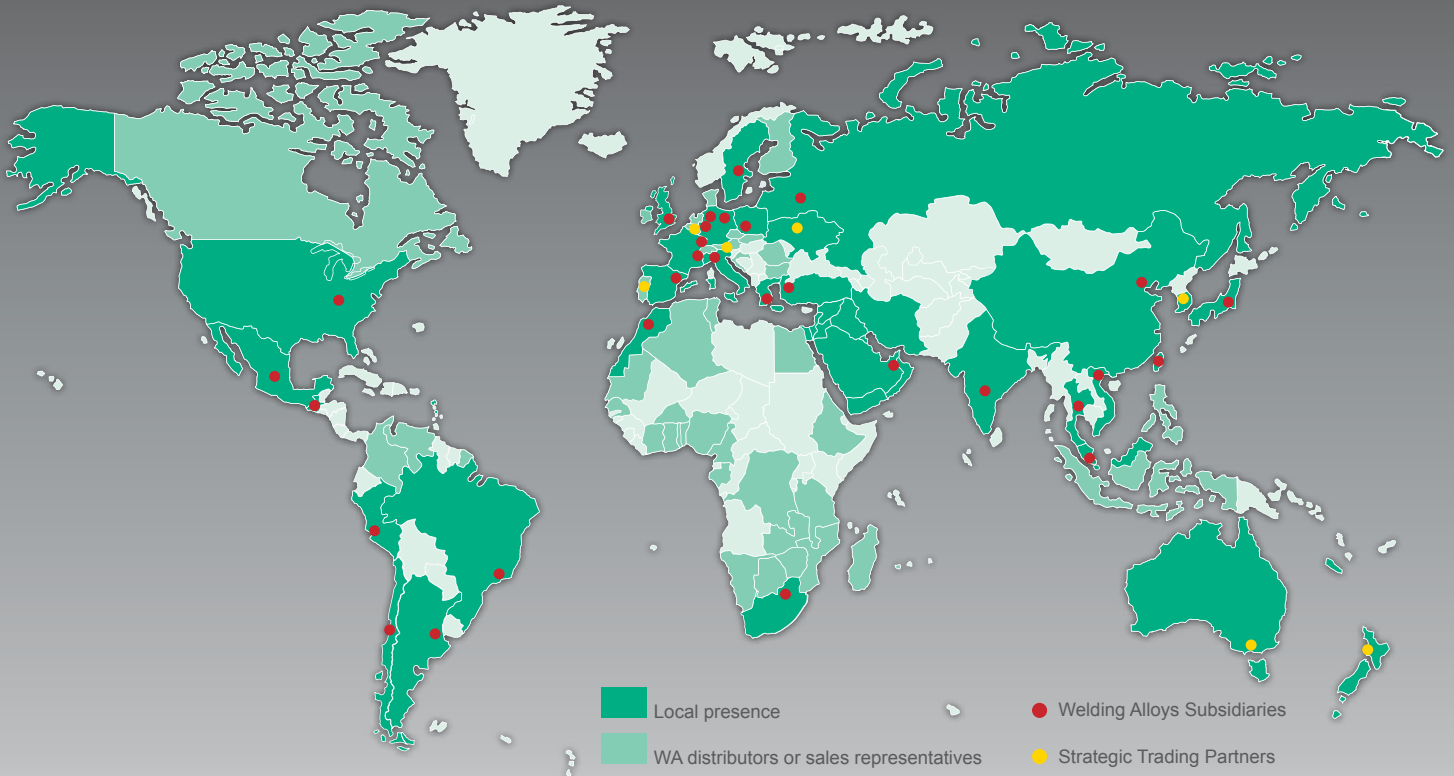
The go-to provider of automated equipment for wear protection



WA Integra™

The go-to provider of engineered wear protection solutions

A worldwide presence



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