



# LASER WELDED STEEL TUBES

LWT is a new generation of laser welded steel tubes produced using a new forming process and laser welding technology. The production includes laser welded tubes from Ø 80 to Ø 400 mm, with wall thickness from 0,8 to 2 mm, up to 2000 mm length, using cold-rolled, galvanized, and stainless steel sheets.

Many advantages:

- Flexibility: reduced production lots
- Delivery: reduced delivery times
- Production range: diameters and thickness without tooling costs
- Surface: without working scratches
- Cut to size: deburred, without additional costs
- Materials: hot-rolled and cold-rolled carbon steel, galvanized, stainless steel, etc...
- Workability: high working performances due to production process which doesn't wear down the material
- Welding: laser technology, tightness and unique quality



## PRODUCTION RANGE

DIAMETERS (mm)	from Ø 80 to Ø 100	from Ø 102 to Ø 150	from Ø 151 to Ø 250	from Ø 251 to Ø 400
WALL THICKNESS (mm)	0,8 - 1,2	0,8 - 1,5	0,8 - 2,0	1,0 - 2,0
LENGTH (mm)	from 400 to 2000			
MATERIALS	GALVANIZED, COLD ROLLED, STAINLESS STEEL			

## APPLICATIONS

### AGRICULTURE & LIVESTOCK

- Spout tubes • Components and spouting accessories for growing and harvesting machines
- Tubular augers

### FURNITURE

- Vertical Ashtrays • Components for furniture (chairs, table legs, shelves) • Outdoor furniture

### AUTOMOTIVE

- Straight exhaust pipes for truck, buses, power units

### ECOLOGY & ENVIRONMENT

- Smoke and dust suction • Air treatment and purification

### HEATING

- Expansion tanks • Radiant tubes and exchangers • Chimney stove tubes

### BUILDING

- Concrete industrial piping system • Augers • Industrial doors

### MODULAR PIPE SYSTEM

- Extraction of working scraps • Transportation of bulk granular material or powder
- Pneumatic conveying