

STRUCTURAL SAW PIPES

EEW GROUP





The **PALMA BRIDGE** project in Spain was a remarkable challenge for EEW Germany. For the first time long radius cold formed/curved SAW pipes with 900 mm OD and wall thicknesses up to 50 mm with severe tolerance requirements have been manufactured in Erndtebrück.

The picture at the right side shows one of the bends with appr. 100 metre radius at the end machining.

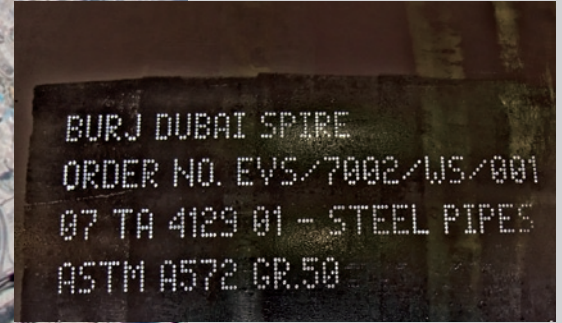


The famous **VIADUC DE MILLAU** is build with concrete, steel plates and girders. During the construction of the bridge several temporary support structures, made from EEW pipes, have been used. These support structures are assembled with bolts and nuts and can be used at future projects again. The leg dimension is a pipe OD of 1000 mm. The wall thicknesses are going up to 40 mm.

The **POINT TO POINT** Construction Service = from the AFC drawing up to the finished structural component.

EEW: Service out of one hand!





EEW pipes on top of the world tallest building, the **BURJ DUBAI**. More than 700 tons of structural SAW pipes in the OD range from 700 to 1500 mm with wall thicknesses up to 55 mm in material grade ASTM A572 Grade 50 have been delivered **ex EEW Korea**.

The top of the spire will be more than 800 metres high = world record with EEW structural pipes.

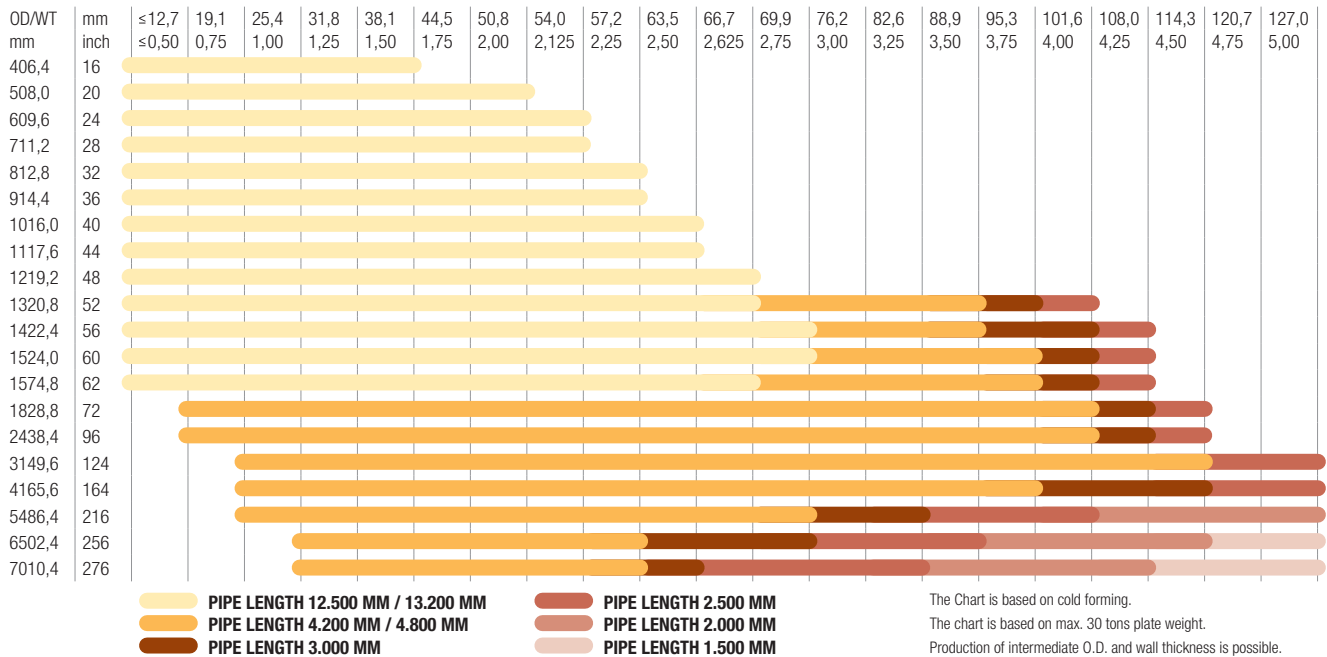
MATERIALS / SPECIFICATIONS

- S235 to S460 acc. to EN 10209/10210
- S235 to S690 acc. to EN 10025
- S355 to S460 acc. to EN 10225
- ASTM A36
- ASTM A572 Gr. 50
- API Spec. 2H/W/Y Gr. 50 and 60
- Duplex and Lean Duplex Steel

Pipes manufactured acc. to international standards and client specifications.

STRUCTURAL PIPE FABRICATION PROGRAMME

BASED ON NOMINAL YS OF 355 MPA / 52 KSI





More than 35 years experience in the production of structural SAW steel pipes is available at EEW. In the year 1974 EEW supplied the first pipes for an offshore platform in the North Sea.

In March 2008 **EEW Special Pipe Constructions** (EEW SPC) started the production of large diameter and heavy-walled pipes mainly for the offshore wind, oil and gas industry. Components up to 120 metre length and 1000 tons piece weight can be delivered.



FURTHER CIVIL CONSTRUCTION REFERENCES:

INCHEON INT. AIRPORT, Incheon/South Korea
LA PLATA FOOTBALL STADIUM, La Plata/Argentina
MILLENIUM STADIUM, Cardiff/UK
EXHIBITION HALL 13, Hannover/Germany
NEW WEMBLEY STADIUM, London/UK
ARSENAL STADIUM, London/UK
HEATHROW TERMINAL 5, London/UK
OLYMPIC VELODROM, Athen/Greece

and many more bridge, harbour building and other construction projects.

EEW CONSTRUCTION PIPES WILL BE MANUFACTURED AT:



EEW ERNDTEBRÜCK, GERMANY



EEW KOREA



EEW-SPC ROSTOCK, GERMANY



EEW MALAYSIA



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