

T-DRILL

FLANGING MACHINES

Multipurpose flanging technology



IT'S THE TOOLS

THAT SAY HOW GOOD YOU ARE.

F-series FLANGING MACHINES

T-DRILL FLANGING TECHNOLOGY

T-DRILL F-series pipe flanging machines offer new potential in heavy-duty pipe end forming and flanging. The F-Series meets the major requirements of the chemical, pharmaceutical, food-processing, shipbuilding industries and pipe fabrication in general. Lips/Stub ends, for the use of loose flanges, are formed directly on the end of the pipe – a system that saves you up to 40% in both time and costs compared with traditional weld neck flange connections.

The T-DRILL flanging method is approved by

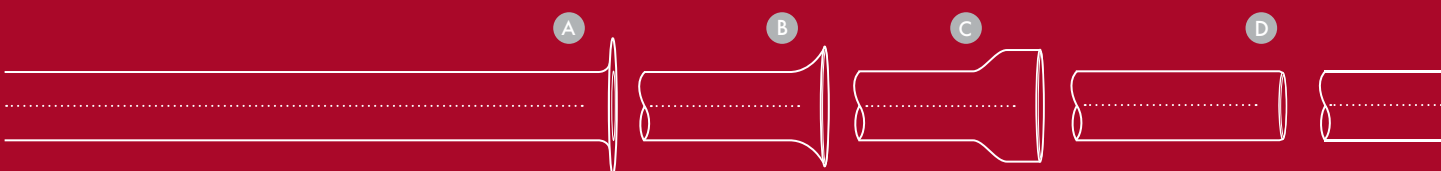
- Det Norske Veritas
- Bureau Veritas
- Germanischer Lloyd
- ASME Standard
- Lloyd's Register of Shipping
- ASTM F2015-00



FLANGING TECHNOLOGY

With T-DRILL F-series pipe flanging machines lips/stub ends are formed directly to the end of the pipe

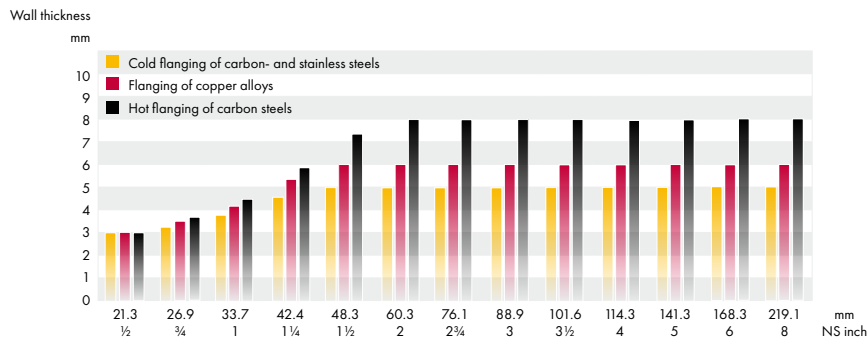
Forming capabilities
A. Flanging B. Flaring C. Expansion D. Beveling



F-200 FLANGING MACHINE

The T-DRILL F-200 is capable of both hot and cold forming of most malleable materials within an O.D. range of 21.3-219.0 mm.

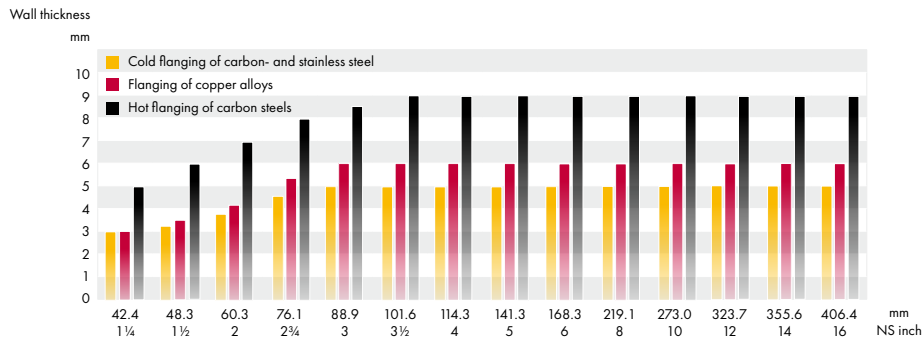
CAPACITY OF F-200



F-400 FLANGING MACHINE

The T-DRILL F-400 meets the most demanding requirements of pipe manufacturing on larger O.D. ranges. It is capable of both hot and cold forming within an O.D. range of 42.4-419 mm.

CAPACITY OF F-400



OTHER T-DRILL MACHINERY

T-60

Collaring machine for factory and on-site use

T-110

Transportable collaring station

TEC-150

Collaring station

SEC-100

Automatic collaring machine

DO IT WITH T-DRILL

CUT COSTS – IMPROVE QUALITY – INCREASE PROFIT.

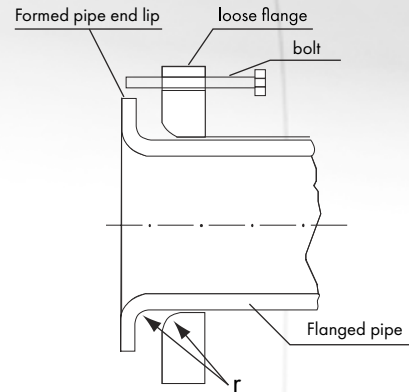
- Cut workshop costs by eliminating the need for welding and X-raying.
- Reduce the need for working capital: no welding neck flange inventory or complex welding and X-raying equipment required.
- Loose flanges save installation time by eliminating difficult bolt-hole positioning.
- Provide precision results and constant high quality: no risk of weld or braze fractures.
- Capable of cold and hot forming both long and bent pipes with either smooth or grooved flanged surfaces.
- Programmability makes them very easy to operate and practically maintenance-free.

Technical data

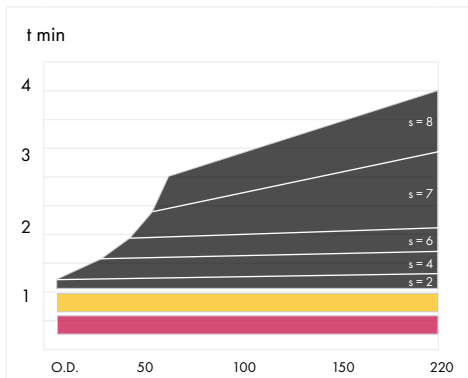
	F-200	F-400
Pipe to be flanged	Ø21.3 - 219.1mm	Ø42.4 - 419mm
Materials to be formed	Copper, Carbon steels, Stainless steel, Aluminium	
Rated power	10 kW	15,5 kW
Air supply	6 bar/90 psi	6 bar/90 psi
Motor of hydraulics	4 kW	4 kW
Hydraulic pump output	0...23 l/min	0...25 l/min
Gas connections for burner	Oxygen 6 bars, propane 2 bars	Oxygen 6 bars, propane 2 bars

The information included in this brochure is subject to revision without notice.

Loose flange joint

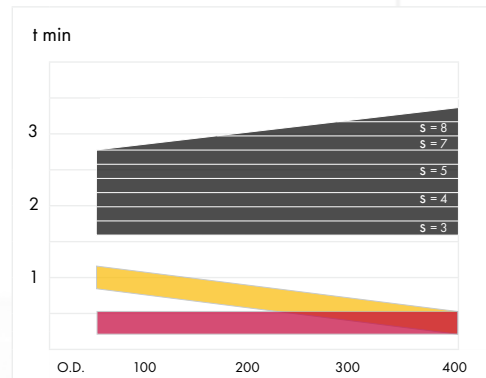


Flanging times for F-200



- Multi-stage flanging
- Flanging in one stage
- Hot flanging on different wall thicknesses

Flanging times for F-400



- Multi-stage flanging
- Flanging in one stage
- Hot flanging on different wall thicknesses

The charts above are for guidance only. Depending on material specification.

MANUFACTURER:

REPRESENTED BY:

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