



An infinite source of individual solutions

Production on highest level

MASCHINENBAU

Thies

ADVANCED MANUFACTURING TECHNOLOGY

Teamwork Thies

The name Thies stands for satisfying customers specific requirements to the highest quality standards. With this policy Thies has progressed to being a leading specialist in processing stainless steel.

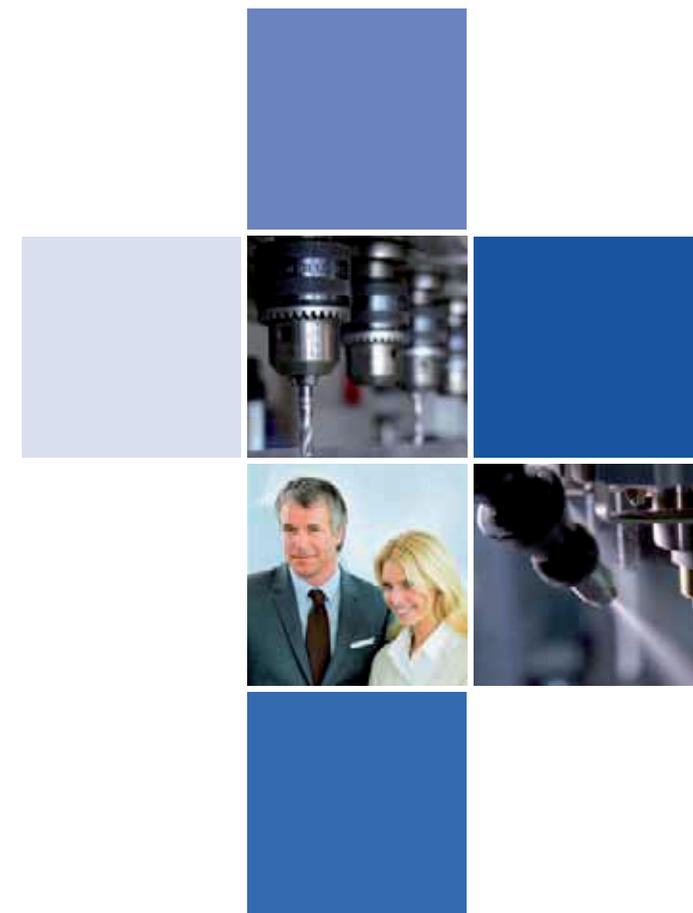
Germany
Poland
Slovenia

The company

Already in 1892 at the beginning of the industrial age Bernhard Thies founded the mechanical engineering company in Coesfeld. From generation to generation the Thies family has continued the philosophy of enterprise, keeping their facilities on the highest technological level. Today Thies is synonymous for high quality products and excellent service.

The strengths

Man or machine? At Thies they say "Man and Machine" because both components are equally important. By integrating personal skills with the most modern plant and machinery we achieve quality products to specific requirements. The Thies team works closely with suppliers and industry partners to provide full service support.



For each application the correct resolution

Equipped with most modern production processes and employing qualified and skilled staff Thies is able to meet demands of different industries.

Machining production

CNC turning, CNC milling, CNC boring, cutting, grooving, grinding

Non-cutting production

Edging, aligning, pressing, rolling, deep-drawing, punching, nibbling, gas cutting, lasering

Welding equipment/ -processes

WIG, MIG / MAG, orbital welding, plasma-welding, stud welding, robot welding, manual arc welding

Alteration of material properties

Annealing, hardening, tempering

Surface treatment

Spray painting, build-up welding, spray- and immersion pickling, polishing, conservation

Non-destructive test methods

X-ray test, dye penetration process, 3D measuring equipment, surface roughness gauge, spectral analyser



Certificates

You can talk quality. You can measure quality. Manufacturing to DIN EN ISO 9001 is a clear proof of quality standards as well as evidence of highly qualified staff.

Next to the above certification Thies produces corresponding to following rules and safety standards: DGRL, Machinery Directive, ASME, Manufacturing Licence of Special Equipment of the P. R. China, GOST-Certificate.

Exemplary is also the engagement for protection of environment and resources, to which the complete Thies Group has committed.

Machines, more than just technology

The Thies family has a policy of continual investment in plant and machinery. Four modern production sites provide evidence of the companies' infrastructure and technical strength. Operation of this machinery lies in the hands of qualified staff.

From
specialists
for
specialists.

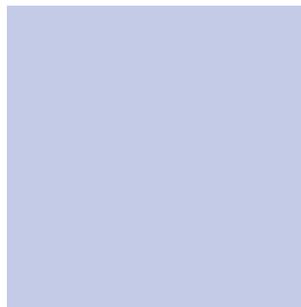
Carousel Lathe

Faceplate D= 2800mm
Machining height max.= 1600mm



Plasma cutting machine with bevel aggregate

Plate format 8000 x 2000mm
Plate thickness: 1– 40mm



Pipe bending machine

Pipe dia. DN 15– 150
Machining length max.= 6000mm

Hydraulic deep-draw press

Press capacity 900t
Relative stroke max.= 1000mm
Bench dimensions 2495 x 2190mm



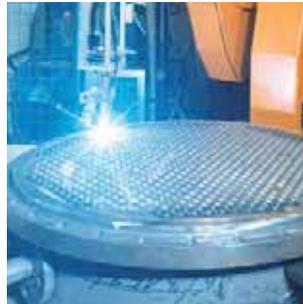
CNC Lathe

4x CNC axes
Peak width max.= 1000mm
Swing dia. max.= 420mm

Welding robot

WIG welding method

Machining dia. max.= 1350mm



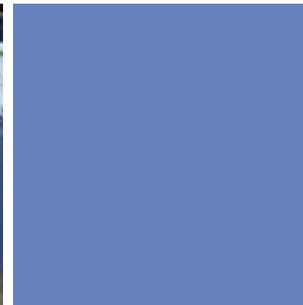
Orbital welding machine

WIG welding method

Machining dia. max.= 60mm

Round seam welding machine

Machining dia. 250– 3000mm



Flatbed laser with pipe laser

Plate format: 4000 x 2000mm

Plate thickness: 1– 25mm

Laser power: 6kW

Pipe dia. DN 20– 350

Machining length max.= 4000mm



Products for peak performance

Whether serial or individual production, each product of Thies is treated like a unique item. Experienced engineers and technicians are acquainted with transforming customers' requests in sophisticated, technical solutions and they supervise the complete working process. Care and accuracy guarantee performance and quality.

Each mm
quality made
by Thies.

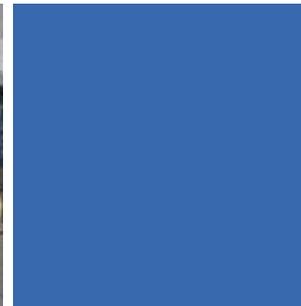
Tank frame with ports

A welded construction for
stirrer tanks



Hollow screw heat exchanger

Rotating hollow screws cool,
heat or dry powder, paste
or fluid products by a constant
conveyance cycle.



Downdraft radiator

Stainless steel downdraft radiator
DN 1000 with 468m² and
448 pipes



Pipe sections

Stainless steel laser pipes of high fitting
accuracy and complex geometrics.

Dosing and dispensing technology

For transport, weighing and dosing of solids



Pressure vessel

Stainless steel pressure vessel D= 2400mm with internal blower



Heat recovery

Tubular heat exchanger for recovery of heat energy from warm fluids



Heat exchanger

Welded pipe plate for 12m² heat exchanger

Benefit from our supply chain!



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