

TBT-Deep Hole Drilling Machine ML250-Series

TBT Tiefbohrtechnik – Solutions for Deep Hole Drilling

ML250 IN SPECIAL DESIGN



TECHNICAL DATA

ML250

| | ML250 | | | | |
|------------------------------------|--------------------------|------------|--------------|-------------|--------------|
| No. of spindles | 1 | 2 | 2 | 4 | 4 |
| Spindle distance mm | - | 120 | | | |
| Spindle drive power kW | 9 | 2 x 5,5 | 2 x 3,5 | 2 x 9 | 4 x 3,5 |
| Spindle speed * 1/min | 500 - 6000 | 750 - 7300 | 1500 - 20000 | 1000 - 9000 | 1500 - 20000 |
| Drilling dia. ** mm | 3 - 30 | 3 - 22 | 1 - 12 | 3 - 15 | 1 - 12 |
| Stroke of feed slide * mm | 850 / 1200 / 1800 / 2400 | | | | |
| Drilling depth approx. * mm | 450 / 800 / 1250 / 1550 | | | | |

* not depending on number of spindles
 ** Value based on St. 60 material

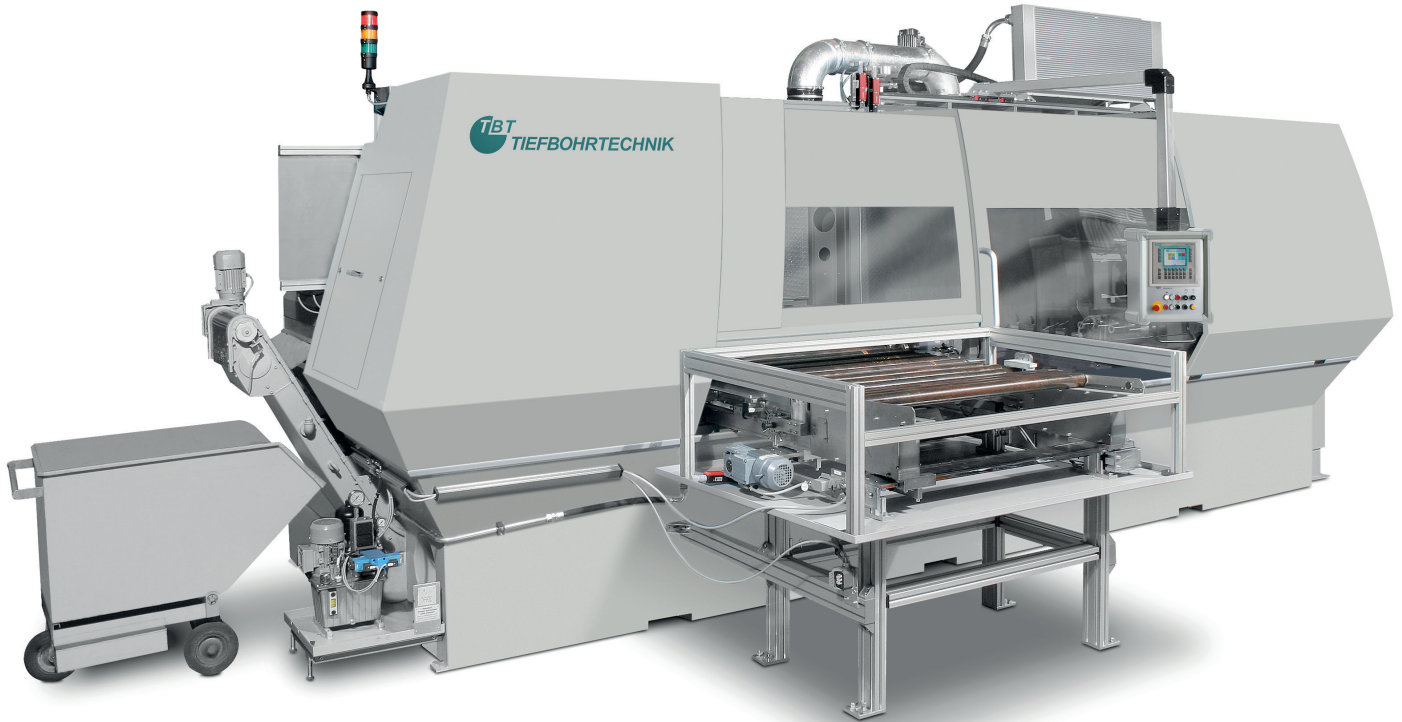
Larger drilling diameters and drilling depths on request.

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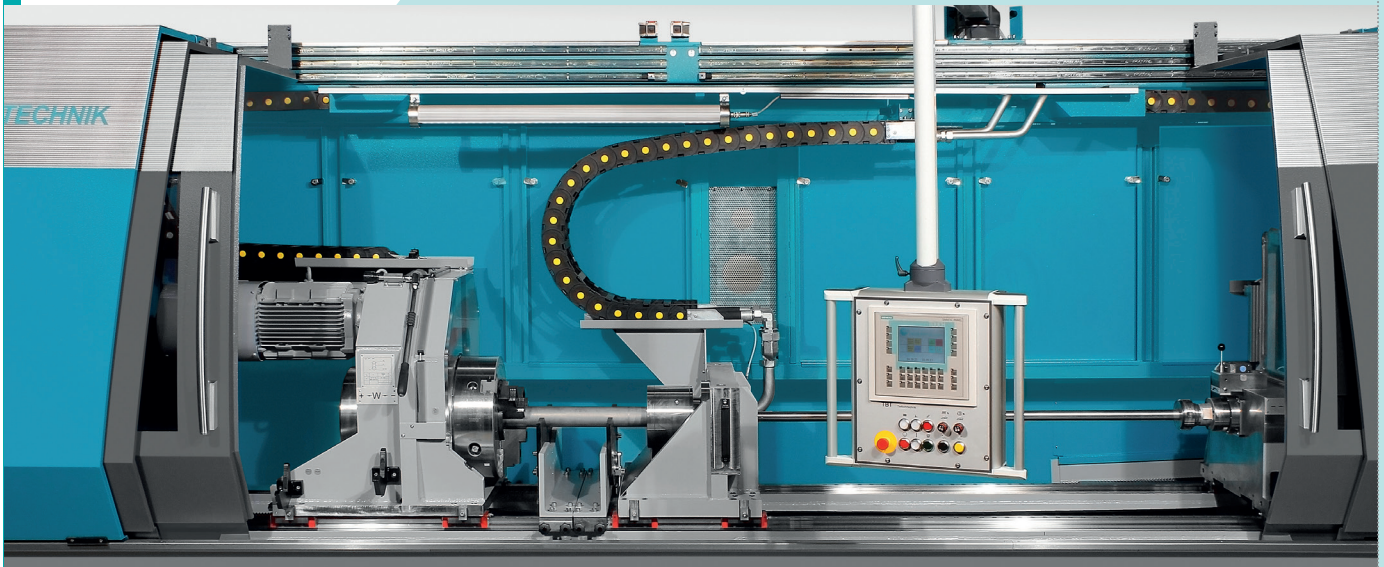


TBT-Deep Hole Drilling Machine ML300-Series

TBT Tiefbohrtechnik - Solutions for Deep Hole Drilling

ML300

ML300 STS-DESIGN



- » Automatic loading and unloading possible via conveyor, gantry or robot.
- » Optimal access to the working area by large-scale front guard doors together with additional access from rear side of the machine.
- » NC-tailstock adjustment for shortest change over times.
- » Crane hook machine for shortest installation times at customer.
- » Composite construction for optimal damping / stiffness.

TECHNICAL DATA

ML300

| | | 1 | 2 | 4 | 6 | 1 | 2 |
|--|----|----------------------------|--------|---------|---------|--------------------------|---------|
| No. of spindles | | 1 | 2 | 4 | 6 | 1 | 2 |
| Spindle distance | mm | - | 180 | 120 | 120 | - | 180 |
| Spindle drive power | kW | 22 | 2 x 9 | 4 x 5,5 | 4 x 3,5 | 3 x 9 | 6 x 3,5 |
| Gundrilling dia.*** | mm | 4 - 42 | 4 - 35 | 4 - 25 | 1 - 12 | 4 - 20 | 1 - 12 |
| STS solid drilling dia.*** | mm | - | - | - | - | 15 - 60 | 15 - 35 |
| STS counter boring dia.*** | mm | - | - | - | - | 90 | 35 |
| STS skiving / roller burnishing dia.*** | mm | - | - | - | - | 120 | - |
| Drilling depth approx. * | mm | 500 / 750 / 1100 / 2000 ** | | | | 1000 / 1900 / and larger | |

* do not depend on number of spindles ** STS drilling - larger drilling depths are realizable *** Value based on St. 60 material

Larger drilling diameters and drilling depths on request.

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