Technical data

Taurox®

Type of machine	*Tauro*® 8
Thread capacity (Thread cutting - blind hole 2,0 x D in AlMg4,5Mn / 3.3547)	**M0,5 – M4**
Thread capacity (Thread cutting - blind hole 1,5 x D in stainless steel X6CrNiMoTi17-12-2 / 1.4571 / V4A)	**M0,5 – M3**
Torque range (continuously adjustable)	0,030 – 0,800Nm
RPM range (continuously adjustable)	50 – 3000RPM
Spindle / tool holder	collet holder ER11
Throat	165mm
Travel height adjustment **Column Ø / length / swivel range**	0 – 330mm with hand crank 50mm / 650mm / 60°
Machine pedestal (WxDxH) 2 x T-slots	260 x 400 x 45mm T-slots DIN 650-10
Dimensions machine (WxDxH)	382 / 450 / 865mm
Dimensions control unit (WxDxH)	400 / 300 / 120mm
Electric supply / Power input	230V~ / 615W
Cable length between the modules	2m
Spindle travel / thread depth	65 / 55mm
Modular construction **(3-parts)**	– spindle unit – operator and display unit – control unit
Entrance protection class	IP54
Engineer standard	Conforms to CE / EMV
LCD Display	4.3" TFT–display, 65536 colors
Operation	Menu driven
Digital inputs / outputs (24V DC / 3.6W) **(PLC capable for automation & valves)**	3 inputs* 10 outputs*
Depth accuracy	0,1mm
Finish **RAL / colour name**	RAL 7035 / light grey RAL 5005 / signal blue
Quality evaluations / **Error messages**	Display with error message Evaluation and audible signal

Software:
● Languages: German / English / Spanish (more on request)
● Depth unit: mm / (inch on request)
● Process programs: thread cutting, rethreading, thread forming, thread inserts, screwing , thread plug gauge*
● Grade of quality: blowhole, array of torque, tolerance of depth, tool wear
● Control torque with indicator
● Independent of thread type and pitch
● Rotation: right-hand or left-hand switchable
● Reversal program: variable speed
● Different start menus, such as, manual button, automatic zero point identification with rotating spindle
● Chip clearance programs
● Parameter data storage
● Part counter
● Lubricant: cooling, and blow off control*
● Switching function for power outputs* for valves such as pneumatic part holder
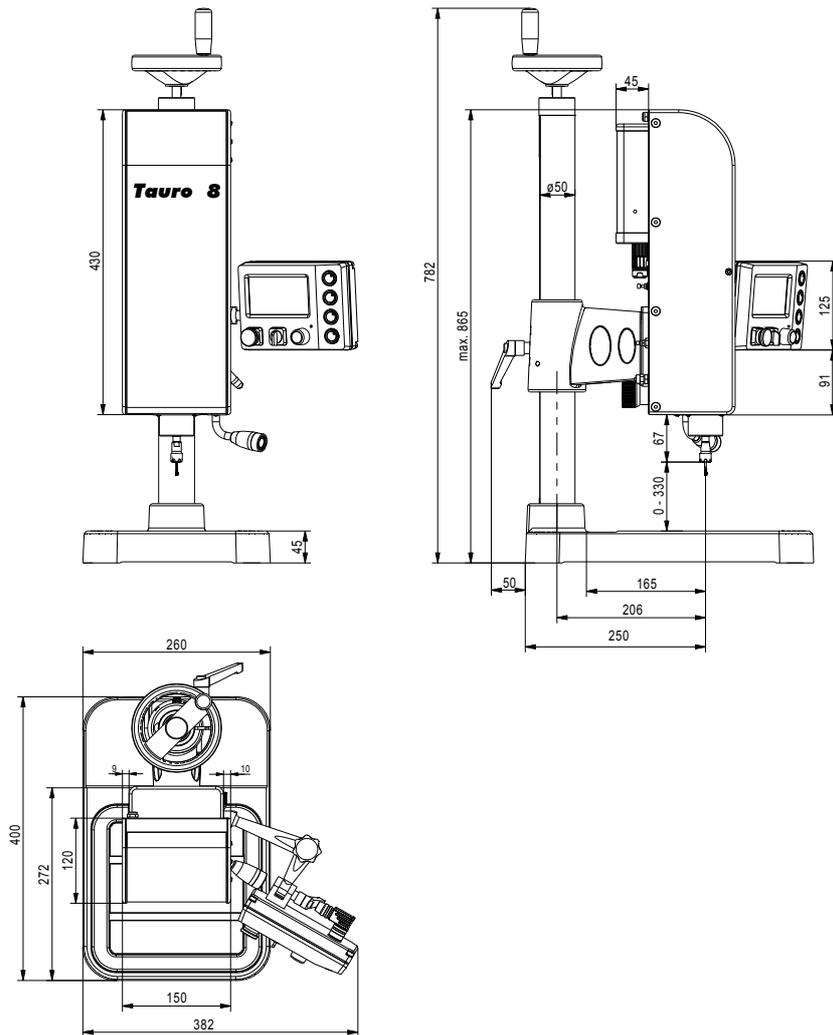

Accessories*
Subject to change without notice

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side: 1 von 3

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Fig.: View of the thread tapping machine *Tauro® 8*

Fig.: View of the machine pedestal *Tauro® 8*

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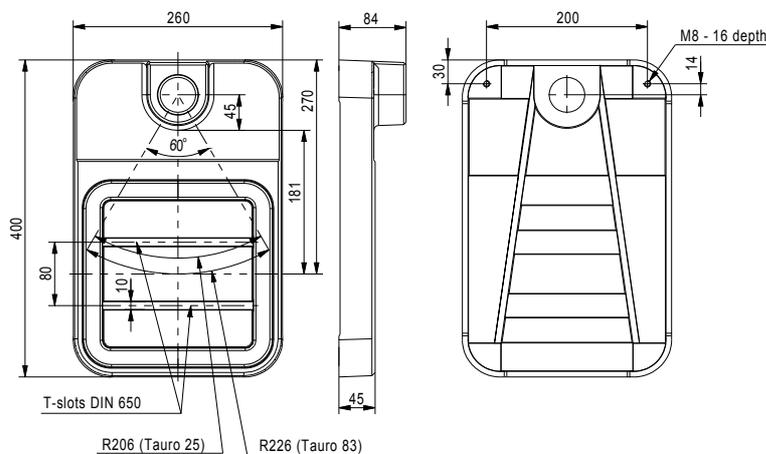*www.taurox.de*

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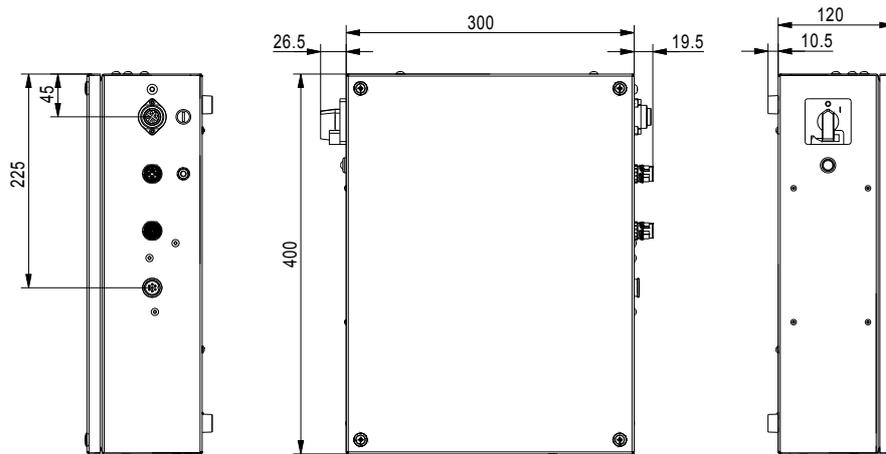
Technical data

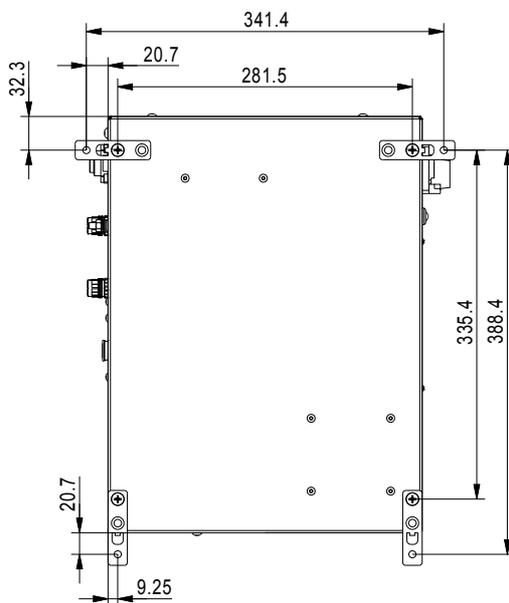**Taurox®**

Fig.: View of the control unit *Tauro® 8*

Fig.: View of the control unit *Tauro® 8* with fixation to the wall

Accessories:

● Quick change inserts
● Spindle feed system
● Minimum lubricant unit with lubricant pulse, air pulse
● Signal column red, orange, green and horn
● Key switch with lock-out
● Additional push selection for parameter data base
● Fixation to wall assembly kit for fixation to wall (control unit)
● Automation connection