



- Fanuc 0i TF-V with Manual Guide 0i
- Spindle bore up to 360 mm

- This machine was designed for use in demanding petroleum industry applications and integrates decades of experience
- The wide machine bed features large, hardened and ground guideways and high rigidity
- Machining lengths up to 3.000 mm - expandable to 16.000 mm upon request
- Massive headstock with main spindle running in tapered roller bearings, and 2 lathe chuck mounts
- Spindle bore 280 and 360 mm (standard) - Up to 630 mm through-bore upon request
- Fanuc 0i TF-V with Manual Guide 0i features advanced control technology and maximum reliability
- high-torque drives and preloaded ball screws on all axes
- Automatic 2-step gears with 2 infinitely variable speed ranges



Steady rest with large capacity

- Hardened and ground gears for effective power transmission
- Powerful main drive motor with 30 kW rating
- Heavy-duty 4-station tool holder with automatic tool changing function
- Including high-performance coolant system, and central lubrication unit



4-jaw chuck, at left side

Standard Equipment

Fanuc 0i TF-V with Manual Guide 0i, electronic hand-wheel, two 4-jaw faceplate lathe chucks 720 mm Ø (800 mm for 3630), automatic 2-step gears, 4-station tool holder, steady rest 50-470 mm, coolant system, central lubrication, mechanical tailstock, work lamp, operating tools, operating manual and programming instructions

Options

Part No.

• E-TubeTurn 2830 CNC spare part package for 5 years for 180630	259114
• Clamped Turning Tool Set 16/20/24 mm, 9-pc	108780
• Indexable Insert Set 16/20/24 mm, 30-pc	108782
• Coolant Concentrate 5 Ltr.	103184
• E-TubeTurn 3630 CNC spare part package for 5 years for 180631	259111

Specifications TubeTurn CNC

2830

3630

Working area

Turning diameter over bed	mm	1.000	1.000
Turning-Ø over support	mm	650	620
Bed width	mm	600	755
Center height	mm	500	500
Machining length (max.)	mm	3.000	3.000
X-axis travel	mm	600	610
Z-axis travel	mm	2.800	2.800

Headstock

Speed range	1/min	5 - 450	3 - 315
Spindle bore	mm	280	360

Feed

Rapid feed X-/Z-axis	mm/min	4000 / 6000	4000 / 6000
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Tooling

Number of tool stations	Pieces	4	4
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Accuracies

Positioning accuracy X- / Z-axis	mm	0,03 / 0,06	0,03 / 0,06
Repeatability X- / Z-axis	mm	0,012 / 0,025	0,012 / 0,025

Tailstock

Tailstock taper		MT 6	metric 80
Tailstock quill diameter	mm	120	160
Tailstock quill stroke	mm	250	300

Drive capacity

Motor rating main drive	kW	18,5	30
Motor rating X- / Z-axis	kW	2,5	3
Total power consumption	kVA	35	50

Measures and weights

Overall dimensions (length x width x height)	m	5,8x1,4x1,5	6,3x2x1,75
Weight	kg	8.000	13.000
Part No.		180630	180631