



Servomill® UWF 12

- **Advanced feed technology**
- **Infinitely variable servo-motors**
- **Electronic hand-wheels**
- **Electronic fixed stops**



Powerful headstock drive with auxiliary gearbox (Servomill® UWF 12)

- Rigid, torsion-proof construction with dovetail guide on X-axis, and wide square guides on Y and Z
- Large work table and long travels on all axes
- All guides are hardened, ground, and supplied with oil by a central lubrication unit
- Universal swivel head swings easily to a horizontal position

- Infinitely variable feed speeds and rapid feeds can be synchronized to spindle speed by the push of a button
- Preloaded ball screw for easy and precise Feeds, and zero backlash
- Robust transmission with hardened and ground gears
- **X.pos Plus - You will gain productivity, quality and comfort**



Universal swivel head swings easily to a horizontal position

Standard Equipment

3-axis position indicator, collet chuck with collets (0.16", 0.2", 0.24", 0.31", 0.39", 0.47", 0.55", 0.63" diam.), electronic hand-wheels, LED work lamp, central lubrication, coolant system, operating tools, operator manual

Options	Part No.
• ER 40 Collet Set 15 pcs.	106075
• Milling Chuck WELDON ISO 50 / Ø 0.24 in	106811
• Milling Chuck WELDON ISO 50 / Ø 1.26 in	106818
• HS 150 Hydraulic Machine Vise	125028
• Rotary Table RT 250	125840
• Tailstock / RT 200/250	125820
• E-Servomill UWF series spare parts package	259214

For additional options for this machine, visit our website.

Specifications

		UWF 10	UWF 12	UWF 15
Working Area				
Table dimensions	in	49x18	63x20	79x20
Table load capacity	lbs	1,760	2,200	2,200
Number of T-slots	positions	5	5	5
T-slots, width	in	0.7	0.7	0.7
T-slots, spacing	in	3.1	3.1	3.1
Travels				
Travel X-axis	in	35.4	47.2	55.1
Travel Y-axis	in	26	28	28
Travel Z-axis	in	18	20	20
Milling Head				
Speed range (2)	rpm	30-390 / 390-2050	30-390 / 390-2050	30-390 / 390-2050
Spindle mount		ISO 40 / DIN 2080	ISO 50 / DIN 2080	ISO 50 / DIN 2080
Swivel angle		360°	360°	360°
Spindle center-to-table distance	in	1 - 19	2 - 22	2 - 22
Rapid Feed				
Rapid feed X-axis	in/min	86.61	86.61	86.61
Rapid feed Y-axis	in/min	86.61	86.61	86.61
Rapid feed Z-axis	in/min	43.31	43.31	43.31
Feed				
Feed speed X-axis	in/min	0.3937 - 39.37	0.3937 - 39.37	0.3937 - 39.37
Feed speed Y-axis	in/min	0 - 39	0 - 39	0 - 39
Feed speed Z-axis	in/min	0.1969 - 19.685	0.1969 - 19.685	0.1969 - 19.685
Drive Capacity				
Motor rating main drive	Hp	10.1	14.8	14.8
Measures and Weights				
Overall dimensions (length x width x height)	in	79x99x79	87x99x83	103x99x83
Weight	lbs	8,800	9,900	11,000
Part No.		301256	301257	301258