by the Hidden Champion



OUR PERFORMANCE makes THE DIFFERENCE

DEMMELER® Rotary sliding table with tilting axis

# Perfect for the machining of components for wind turbines





## DRAT / DRALT series

## Tilting tables with hydrostatically mounted rotary axis and roller bearing tilting and linear axis



- Three further axes in addition to the machine tool
- · Primary application is the machining of rotor hubs for wind turbines and similar components
- Continous angular adjustment up to 10° as standard (up to 90° possible on request)
- Proven principle with controlled, continuously variable servo axes
- Also available without sliding axis

Series	DRA(L)T 2500	DRA(L)T 3000	DRA(L)T 4000			
Tilting tables with hydrostatically mounted rotary axis and roller bearing tilting axis DRAT						
Max. load in t	60	100	150			
Angular adjustment	10°	10°	10°			
Worktop size from mm (W × L)	2500 × 2500	3000 × 3000	4000 × 4000			
Hydrostatics outside diameter in mm	2270	2770	3770			
Hydrostatics centre diameter in mm	-	-	2200			
Hydrostatics inside diameter in mm	450	450	450			
Max. speed in rpm (S1/S6)	2.4/3.8	1.9/3.0	1.4 / 2.2			
Drive diameter in mm	2270	2770	3770			
Tilting torque in Nm	200,000	250,000	300,000			
Clamped tangential torque in Nm	140,000	240,000	340,000			

### Tilting tables with hydrostatically mounted rotary axis and roller bearing tilting axis and linear axis DRALT

W-axis in mm (w)	1500-4000	1500-6000	1500-6000
V max. linear axis in m/min	20	10	8
Linear axis feed force in N	25,000	25,000	50,000
Quantity of guideways	4	4	4

Part accuracy of up to ± 1", depending on respective control. Customer-specific requirements, such as higher payloads, machining torques or permissible mass moments of inertia, can be engineered on request. Further values available on request. We accept no liability for technical changes or misprints.

The theoretical payload of our tables is considerably higher. As a general rule: Not only is the possible payload crucial to the longevity and precision of the rotary table, but rather the largest possible bearing diameter in relation to the worktop size.

#### We would be pleased to advise you:

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All information on the proven DEMMELER\* carousel and rotary sliding tables.

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