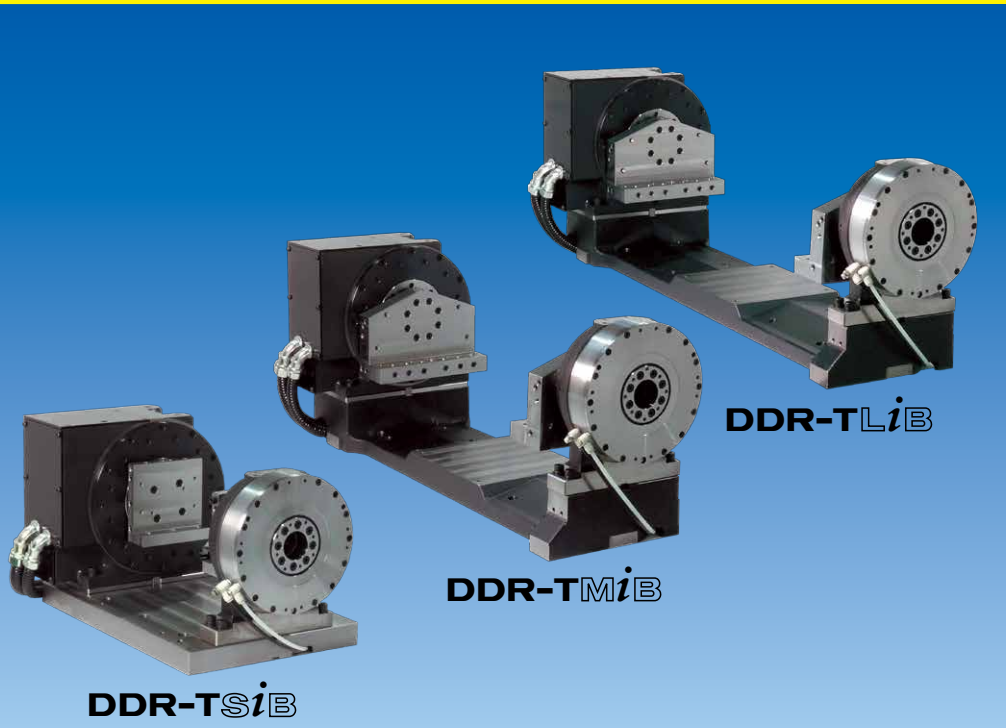


FANUC ROBODRILL DDR-TiB



Max. rotation speed
 200 min⁻¹ (*1)

Indexing 180°
 0.34 s (*2)

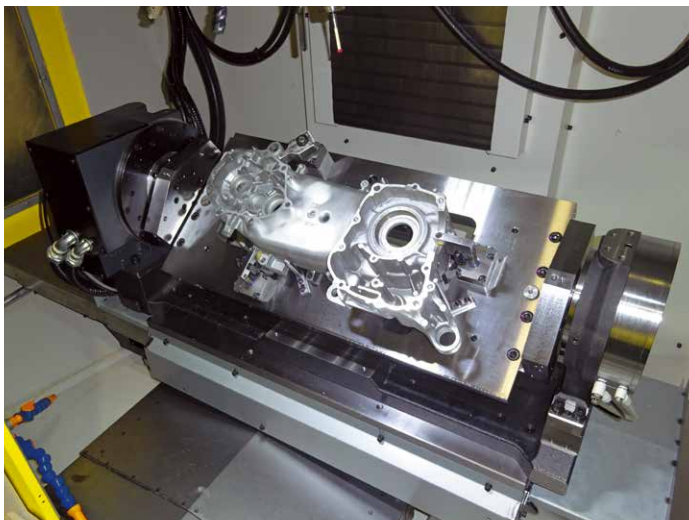
Clamp torque
 (700+400) N·m

Max. loading mass
 200 kg (*3)

FEATURES

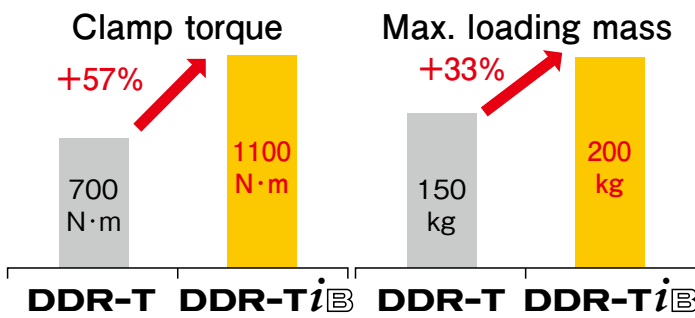
- Making the best use of ROBODRILL's working space
- Enhancing rigidity and loading capacity by optimizing the shape of casting body
- Achieving higher clamp torque by new clamp mechanism of **DDRiB** and support spindle

Application example



*Swing plates should be prepared by customers.

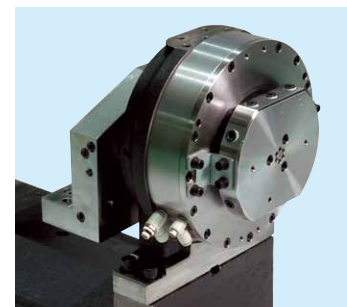
Comparison with DDR-T (previous model)



Options



Rotary joint
 (DDRiB side)

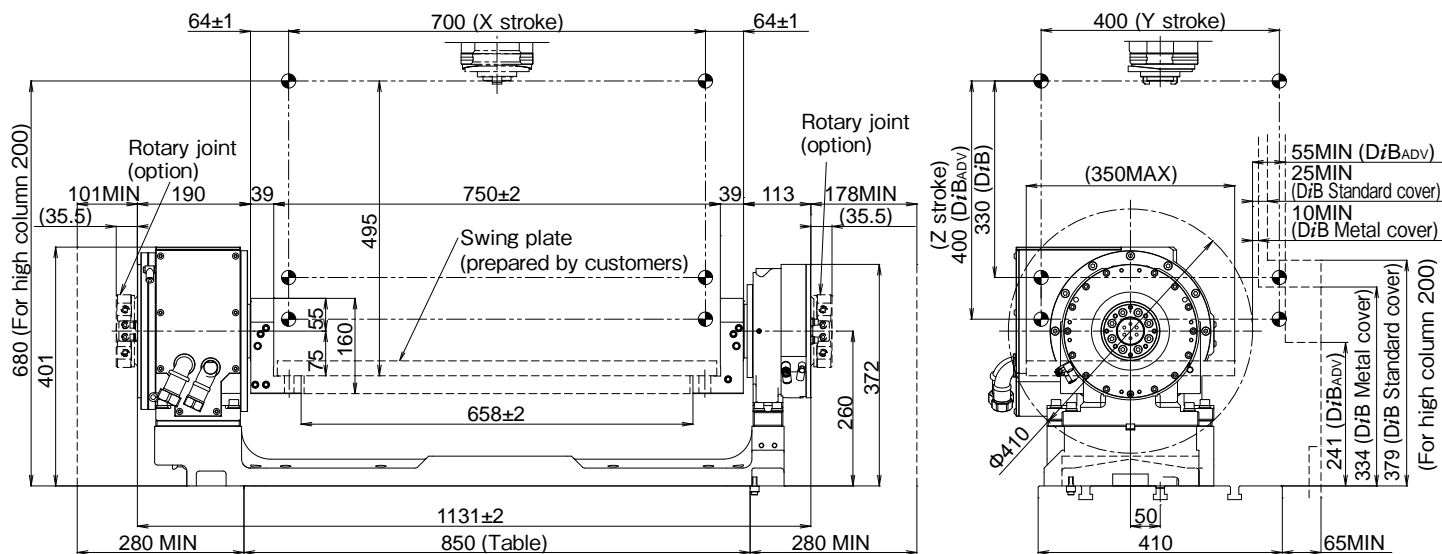


Rotary joint
 (Tail support side)

*1 : When loading mass is under 100 kg and workpiece inertia is under 1.0 kg·m².
 *2 : When loading mass is under 50 kg and workpiece inertia is under 0.5 kg·m².
 *3 : Except DDR-TSiB. The maximum rotation speed is limited to 100 min⁻¹.

Outer dimensions

DDR-TLiB



Specifications

No.	Items	DDR-TSiB	DDR-TMiB DDR-TLiB	Remarks
1	Drive system	Direct Drive		
2	Cooling system	None		
3	Maximum torque	275 N·m		
4	Continuous rating	46 N·m		
5	Maximum rotation speed	200 min ⁻¹	200 min ⁻¹	100 min ⁻¹
6	Maximum loading mass	50 kg	100 kg	200 kg
7	Allowable workpiece inertia	J = 0.5 kg·m ² (GD ² = 2.0 kgf·m ²)	J = 1.0 kg·m ² (GD ² = 4.0kgf·m ²)	J = 2.0 kg·m ² (GD ² = 8.0kgf·m ²)
8	Feedrate	1°/min to 30000 °/min		
9	Least input increment	0.0001°		
10	Index accuracy	±10" (±0.0028°)		Indexing Accuracy of DDRiB
11	Clamp system	Air Pressure + spring		
12	Clamp torque	1100 N·m with 0.5 MPa air supply		700 N·m (DDRiB) 400 N·m (Tail support)
13	Spindle hole diameter	φ46 mm		
14	Turning diameter	φ310 mm	φ410 mm	
15	Center height	200 mm	260 mm	
16	Mass	DDR-TSiB : 155 kg DDR-TMiB : 190 kg DDR-TLiB : 200 kg		+6 kg with a rotary joint (option)
17	Rotary joint (option)	Number of ports : 6 Maximum pressure : 0.5 MPa (air), 5 MPa (hydraulic)		12ports when mounted on both DDRiB and tail support side (Except DDR-TSiB)

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