

TDT Series Specification

Page 1

Model	Unit	TD-2015 TDT-2015	TD-3015 TDT-3015	TD-2616 TDT-2616	TD-3116 TDT-3116	TD-4116 TDT-4116	TD-5116 TDT-5116	TD-6116 TDT-6116
Travel								
X-axis	mm	2100	3100	2600	3100	4100	5100	6100
Y-axis	mm	1500	1500	1600	1600	1600	1600	1600
Z-axis	mm	ST. 800 (OP. 1000)	ST. 800 (OP. 1000)	ST. 900 (OP. 1100)	ST. 900 (OP. 1100)	ST. 900 (OP. 1100)	ST. 900 (OP. 1100)	ST. 900 (OP. 1100)
Guide Way (X / Y / Z)	type	Roller Linear Guideway / Roller Linear Guideway / Box Way	Roller Linear Guideway / Roller Linear Guideway / Box Way	Roller Linear Guideway / Roller Linear Guideway / Box Way	Roller Linear Guideway / Roller Linear Guideway / Box Way	Roller Linear Guideway / Roller Linear Guideway / Box Way	Roller Linear Guideway / Roller Linear Guideway / Box Way	Roller Linear Guideway / Roller Linear Guideway / Box Way
Distance from Spindle Nose to Table Surface	mm	200-1000(OP. 200-12000)	200-1000(OP. 200-12000)	200-1100(OP. 200-1300)	200-1100(OP. 200-1300)	200-1100(OP. 200-1300)	200-1100(OP. 200-1300)	200-1100(OP. 200-1300)
Distance from Spindle Center to the Track Surface	mm	1650	1650	1700	1700	1700	1700	1700
Table								
Table Dimension	mm	2000 × 1400	3000 × 1400	2500 × 1500	3000 × 1500	4000 × 1500	5000 × 1500	6000 × 1500
Max. Loading Capacity	kg	6000	7000	9000	11000	14000	17000	20000
T-slots (Number × Width × Pitch)	no×mm	22 × 9 × 160	22 × 9 × 160	22 × 9 × 160	22 × 9 × 160	22 × 9 × 160	22 × 9 × 160	22 × 9 × 160
Spindle								
Spindle Speed (ST)	kW	15 / 18.5	15 / 18.5	22 / 26	22 / 26	22 / 26	22 / 26	22 / 26
Spindle Speed (OP)	kW	22 / 26	22 / 26	30 / 37	30 / 37	30 / 37	30 / 37	30 / 37
Spindle Speed (Gear) ST.	rpm	ST. 6000 / OP. 4000	ST. 6000 / OP. 4000	ST. 6000 / OP. 4000	ST. 6000 / OP. 4000	ST. 6000 / OP. 4000	ST. 6000 / OP. 4000	ST. 6000 / OP. 4000
Spindle Speed (Direct-driven) OP.	rpm	OP. 8000 / OP. 10000	OP. 8000 / OP. 10000	OP. 8000 / OP. 10000	OP. 8000 / OP. 10000	OP. 8000 / OP. 10000	OP. 8000 / OP. 10000	OP. 8000 / OP. 10000
Spindle Taper	type	BT50	BT50	BT50	BT50	BT50	BT50	BT50
Spindle Bearing Bore Diameter	mm	Φ100	Φ100	Φ100	Φ100	Φ100	Φ100	Φ100
Feed								
Rapid Travel Rate (X / Y / Z)	m / min	20 / 20 / 15	20 / 20 / 15	24 / 24 / 15	24 / 24 / 15	20 / 24 / 15	15 / 20 / 15	10 / 20 / 15
Cutting Rate	mm / min	10000	10000	10000	10000	10000	10000	10000
Manual JOG Feed Rate	kW	4.0/4.0/4.0	4.0/4.0/4.0	4.0/4.0/4.0	4.0/4.0/4.0	7.0 / 4.0 / 4.0	6.0 / 4.0 / 4.0	6.0 / 4.0 / 4.0
ATC								
Tool Shank Type	type	BT50 / CAT50	BT50 / CAT50	BT50 / CAT50	BT50 / CAT50	BT50 / CAT50	BT50 / CAT50	BT50 / CAT50
Full Stud	type	P50T-1	P50T-1	P50T-1	P50T-1	P50T-1	P50T-1	P50T-1
Magazine Capacity (ST)	tools	30	30	30	30	30	30	30
Magazine Capacity (OP)	tools	40 / 60	40 / 60	40 / 60	40 / 60	40 / 60	40 / 60	40 / 60
Max. Tool Diameter (with adjacent tool)	Φmm	Φ125	Φ125	Φ125	Φ125	Φ125	Φ125	Φ125
Max. Tool Diameter (without adjacent tool)	Φmm	Φ215	Φ215	Φ215	Φ215	Φ215	Φ215	Φ215
Max. Tool Length	mm	400	400	400	400	400	400	400
Max. Tool Weight	kg	20	20	20	20	20	20	20
Power Supply								
Power Supply	kVA	35	35	35	45	45	45	45
Controller		FANUC / MITSUBISHI / SIEMENS / HEIDENHAIN	FANUC / MITSUBISHI / SIEMENS / HEIDENHAIN	FANUC / MITSUBISHI / SIEMENS / HEIDENHAIN	FANUC / MITSUBISHI / SIEMENS / HEIDENHAIN	FANUC / MITSUBISHI / SIEMENS / HEIDENHAIN	FANUC / MITSUBISHI / SIEMENS / HEIDENHAIN	FANUC / MITSUBISHI / SIEMENS / HEIDENHAIN
External Dimension								
External Dimension (Length×Width×Height)	mm	6040×4530×4250	8040×4530×4250	7790×3590/4100×4570	8840×3590/4100×4570	10750×3590/4100×4570	12660×3590/4100×4570	14570×3590/4100×4570
Net Weight (B / TDT)	kg	19000 / 21500	24000 / 26500	28500 / 31000	32500 / 35000	36500 / 39000	39000 / 41500	43000 / 45500
Gross Weight (B / TDT)	kg	22000 / 24500	27000 / 29500	32000 / 34500	36000 / 38500	40000 / 42500	42500 / 45000	46500 / 49000
Accuracy (Following values were tested in the temperature-controlled room)								
Positioning (JIS 6338)	mm	±0.01 Full Travel	±0.01 Full Travel	±0.01 Full Travel	±0.01 Full Travel	±0.01 Full Travel	±0.01 Full Travel	±0.01 Full Travel
Positioning (VDI 3441)	mm	P0.020	P0.025	P0.020	P0.025	P0.040	P0.050	P0.050
Repeatability (JIS 6338)	mm	±0.003	±0.003	±0.003	±0.003	±0.003	±0.003	±0.003
Repeatability (VDI 3441)	mm	Ps=0.015	Ps=0.02	Ps=0.015	Ps=0.02	Ps=0.025	Ps=0.03	Ps=0.035

TDT Series Specification

Page 2

Model	Unit	TD-2622 TDT-2622	TD-3122 TDT-3122	TD-4122 TDT-4122	TD-5122 TDT-5122	TD-6122 TDT-6122	TD-8122 TDT-8122	TD-10122 TDT-10122
Travel								
X-axis	mm	2600	3100	4100	5100	6100	8100	10100
Y-axis	mm	2200	2200	2200	2200	2200	2200	2200
Z-axis	mm	ST. 900 (OP. 1100)	ST. 900 (OP. 1100)	ST. 900 (OP. 1100)	ST. 900 (OP. 1100)	ST. 900 (OP. 1100)	ST. 900 (OP. 1100)	ST. 900 (OP. 1100)
Guide Way (X / Y / Z)	type	Roller Linear Guideway / Roller Linear Guideway / Box Way	Roller Linear Guideway / Roller Linear Guideway / Box Way	Roller Linear Guideway / Roller Linear Guideway / Box Way	Roller Linear Guideway / Roller Linear Guideway / Box Way	Roller Linear Guideway / Roller Linear Guideway / Box Way	Roller Linear Guideway / Roller Linear Guideway / Box Way	Roller Linear Guideway / Roller Linear Guideway / Box Way
Distance from Spindle Nose to Table Surface	mm	200-1100(OP. 200-1300)	200-1100(OP. 200-1300)	200-1100(OP. 200-1300)	200-1100(OP. 200-1300)	200-1100(OP. 200-1300)	200-1100(OP. 200-1300)	200-1100(OP. 200-1300)
Distance from Spindle Center to the Track Surface	mm	2300	2300	2300	2300	2300	2300	2300
Table								
Table Dimension	mm	2500 × 2100	3000 × 2100	4000 × 2100	5000 × 2100	6000 × 2100	8000 × 2100	10000 × 2100
Max. Loading Capacity	kg	11000	14000	17000	20000	23000	26000	29000
T-slots (Number × Width × Pitch)	no×mm	28 × 10 × 200	28 × 10 × 200	28 × 10 × 200	28 × 10 × 200	28 × 10 × 200	28 × 10 × 200	28 × 10 × 200
Spindle								
Spindle Speed (ST)	kW	22 / 26	22 / 26	22 / 26	22 / 26	22 / 26	22 / 26	22 / 26
Spindle Speed (OP)	kW	30 / 37	30 / 37	30 / 37	30 / 37	30 / 37	30 / 37	30 / 37
Spindle Speed (Gear) ST.	rpm	ST. 6000 / OP. 4000	ST. 6000 / OP. 4000	ST. 6000 / OP. 4000	ST. 6000 / OP. 4000	ST. 6000 / OP. 4000	ST. 6000 / OP. 4000	ST. 6000 / OP. 4000
Spindle Speed (Direct-driven) OP.	rpm	OP. 8000 / OP. 10000	OP. 8000 / OP. 10000	OP. 8000 / OP. 10000	OP. 8000 / OP. 10000	OP. 8000 / OP. 10000	OP. 8000 / OP. 10000	OP. 8000 / OP. 10000
Spindle Taper	type	BT50	BT50	BT50	BT50	BT50	BT50	BT50
Spindle Bearing Bore Diameter	mm	Φ100	Φ100	Φ100	Φ100	Φ100	Φ100	Φ100
Feed								
Rapid Travel Rate (X / Y / Z)	m / min	20 / 20 / 15	20 / 20 / 15	15 / 20 / 15	15 / 20 / 15	10 / 20 / 15	10 / 15 / 15	8 / 15 / 15
Cutting Rate	mm / min	10000	10000	10000	10000	10000	10000	10000
Manual JOG Feed Rate	kW	7.0 / 4.0 / 4.0	7.0 / 4.0 / 4.0	6.0 / 4.0 / 4.0	6.0 / 4.0 / 4.0	6.0 / 4.0 / 4.0	6.0 / 4.0 / 4.0	6.0 / 4.0 / 4.0
ATC								
Tool Shank Type	type	BT50 / CAT50	BT50 / CAT50	BT50 / CAT50	BT50 / CAT50	BT50 / CAT50	BT50 / CAT50	BT50 / CAT50
Full Stud	type	P50T-1	P50T-1	P50T-1	P50T-1	P50T-1	P50T-1	P50T-1
Magazine Capacity (ST)	tools	30	30	30	30	30	30	30
Magazine Capacity (OP)	tools	40 / 60	40 / 60	40 / 60	40 / 60	40 / 60	40 / 60	40 / 60
Max. Tool Diameter (with adjacent tool)	Φmm	Φ125	Φ125	Φ125	Φ125	Φ125	Φ125	Φ125
Max. Tool Diameter (without adjacent tool)	Φmm	Φ215	Φ215	Φ215	Φ215	Φ215	Φ215	Φ215
Max. Tool Length	mm	400	400	400	400	400	400	400
Max. Tool Weight	kg	20	20	20	20	20	20	20
Power Supply								
Power Supply	kVA	45	45	45	45	45	45	45
Controller		FANUC / MITSUBISHI / SIEMENS / HEIDENHAIN	FANUC / MITSUBISHI / SIEMENS / HEIDENHAIN	FANUC / MITSUBISHI / SIEMENS / HEIDENHAIN	FANUC / MITSUBISHI / SIEMENS / HEIDENHAIN	FANUC / MITSUBISHI / SIEMENS / HEIDENHAIN	FANUC / MITSUBISHI / SIEMENS / HEIDENHAIN	FANUC / MITSUBISHI / SIEMENS / HEIDENHAIN
External Dimension								
External Dimension (Length×Width×Height)	mm	7540×5100/5400×4570	8540×5100/5400×4570	10750×5100/5400×4570	12750×5100/5400×4570	14800×5100/5400×4570	18740×5100/5400×4570	22740×5100/5400×4570
Net Weight (B / TDT)	kg	30000 / 32500	35500 / 38000	36000 / 38500	44000 / 46500	47500 / 50000	62500 / 65000	77500 / 80000
Gross Weight (B / TDT)	kg	33500 / 36000	32000 / 34500	36000 / 38500	40000 / 42500	53500 / 56000	62500 / 65000	77500 / 80000
Accuracy (Following values were tested in the temperature-controlled room)								
Positioning (JIS 6338)	mm	±0.01 Full Travel	±0.01 Full Travel	±0.01 Full Travel	±0.015 Full Travel	±0.015 Full Travel	±0.015 Full Travel	±0.015 Full Travel
Positioning (VDI 3441)	mm	P0.050	P0.025	P0.030	P0.040	P0.040	P0.040	P0.040
Repeatability (JIS 6338)	mm	±0.003	±0.003	±0.003	±0.003	±0.003	±0.003	±0.003
Repeatability (VDI 3441)	mm	Ps=0.035	Ps=0.02	Ps=0.025	Ps=0.030	Ps=0.030	Ps=0.030	Ps=0.030

TDT Series Specification

Page 3

Model	Unit	TD-3127 TDT-3127	TD-4127 TDT-4127	TD-5127 TDT-5127	TD-6127 TDT-6127	TD-8127 TDT-8127	TD-4131 TDT-4131	TD-5131 TDT-5131
Travel								
X-axis	mm	3100	4100	5100	6100	8100	4100	5100
Y-axis	mm	2700	2700	2700	2700	2700	3100	3100
Z-axis	mm	ST. 900 (OP. 1100)	ST. 900 (OP. 1100)	ST. 900 (OP. 1100)	ST. 900 (OP. 1100)	ST. 900 (OP. 1100)	1100	1100
Guide Way (X / Y / Z)	type	Roller Linear Guideway / Roller Linear Guideway / Box Way	Roller Linear Guideway / Roller Linear Guideway / Box Way	Roller Linear Guideway / Roller Linear Guideway / Box Way	Roller Linear Guideway / Roller Linear Guideway / Box Way	Roller Linear Guideway / Roller Linear Guideway / Box Way	Roller Linear Guideway / Roller Linear Guideway / Box Way	Roller Linear Guideway / Roller Linear Guideway / Box Way
Distance from Spindle Nose to Table Surface	mm	200-1100(OP. 200-1300)	200-1100(OP. 200-1300)	200-1100(OP. 200-1300)	200-1100(OP. 200-1300)	200-1100(OP. 200-1300)	200-1300	200-1300
Distance from Spindle Center to the Track Surface	mm	2800	2800	2800	2800	2800	3200	3200
Table								
Table Dimension	mm	3000 × 2600	4000 × 2600	5000 × 2600	6000 × 2600	8000 × 2600	4000 × 2900	5000 × 2900
Max. Loading Capacity	kg	15000	18000	20000	23000	26000	18000	20000
T-slots (Number × Width × Pitch)	no×mm	28 × 13 × 200	28 × 13 × 200	28 × 13 × 200	28 × 13 × 200	28 × 13 × 200	28 × 13 × 200	28 × 13 × 200
Spindle								
Spindle Speed (ST)	kW	22 / 26	22 / 26	22 / 26	22 / 26	22 / 26	22 / 26	22 / 26
Spindle Speed (OP)	kW	30 / 37	30 / 37	30 / 37	30 / 37	30 / 37	30 / 37	30 / 37
Spindle Speed (Gear) ST.	rpm	ST. 6000 / OP. 4000	ST. 6000 / OP. 4000	ST. 6000 / OP. 4000	ST. 6000 / OP. 4000	ST. 6000 / OP. 4000	ST. 6000 / OP. 4000	ST. 6000 / OP. 4000
Spindle Speed (Direct-driven) OP.	rpm	OP. 8000 / OP. 10000	OP. 8000 / OP. 10000	OP. 8000 / OP. 10000	OP. 8000 / OP. 10000	OP. 8000 / OP. 10000	OP. 8000 / OP. 10000	OP. 8000 / OP. 10000
Spindle Taper	type	BT50	BT50	BT50	BT50	BT50	BT50	BT50
Spindle Bearing Bore Diameter	mm	Φ100	Φ100	Φ100	Φ100	Φ100	Φ100	Φ100
Feed								
Rapid Travel Rate (X / Y / Z)	m / min	20 / 20 / 15	15 / 20 / 15	12 / 20 / 15	10 / 20 / 15	8 / 20 / 15	15 / 20 / 15	12 / 20 / 15
Cutting Rate	mm / min	10000	10000	10000	10000	10000	10000	10000
Manual JOG Feed Rate	kW	7.0 / 4.0 / 4.0	6.0 / 4.0 / 4.0	6.0 / 4.0 / 4.0	6.0 / 4.0 / 4.0	6.0 / 4.0 / 4.0	6.0 / 4.0 / 4.0	6.0 / 4.0 / 4.0
ATC								
Tool Shank Type	type	BT50 / CAT50	BT50 / CAT50	BT50 / CAT50	BT50 / CAT50	BT50 / CAT50	BT50 / CAT50	BT50 / CAT50
Full Stud	type	P50T-1	P50T-1	P50T-1	P50T-1	P50T-1	P50T-1	P50T-1
Magazine Capacity (ST)	tools	30	30	30	30	30	30	30
Magazine Capacity (OP)	tools	40 / 60	40 / 60	40 / 60	40 / 60	40 / 60	40 / 60	40 / 60
Max. Tool Diameter (with adjacent tool)	Φmm	Φ125	Φ125	Φ125	Φ125	Φ125	Φ125	Φ125
Max. Tool Diameter (without adjacent tool)	Φmm	Φ215	Φ215	Φ215	Φ215	Φ215	Φ215	Φ215
Max. Tool Length	mm	400	400	400	400	400	400	400
Max. Tool Weight	kg	20	20	20	20	20	20	20
Power Supply								
Power Supply	kVA	45	45	45	45	45	45	45
Controller		FANUC / MITSUBISHI / SIEMENS / HEIDENHAIN	FANUC / MITSUBISHI / SIEMENS / HEIDENHAIN	FANUC / MITSUBISHI / SIEMENS / HEIDENHAIN	FANUC / MITSUBISHI / SIEMENS / HEIDENHAIN	FANUC / MITSUBISHI / SIEMENS / HEIDENHAIN	FANUC / MITSUBISHI / SIEMENS / HEIDENHAIN	FANUC / MITSUBISHI / SIEMENS / HEIDENHAIN
External Dimension								
External Dimension (Length×Width×Height)	mm	8540×5600/5900×4570	10750×5600/5900×4570	12800×5600/5900×4570	14860×5600/5900×4570	18900×5600/5900×4570	10800×6100/6400×4570	12900×6100/6400×4570
Net Weight (B / TDT)	kg	36500 / 39000	43000 / 45500	48200 / 50700	55500 / 58000	61500 / 64000	51000 / 53500	53000 / 55500
Gross Weight (B / TDT)	kg	40500 / 43000	47000 / 49500	52200 / 54700	59500 / 62000	65500 / 68000	55000 / 57500	57000 / 59500
Accuracy (Following values were tested in the temperature-controlled room)								
Positioning (JIS 6338)	mm	±0.015 Full Travel	±0.015 Full Travel	±0.015 Full Travel	±0.015 Full Travel	±0.015 Full Travel	±0.015 Full Travel	±0.015 Full Travel
Positioning (VDI 3441)	mm	P0.025	P0.030	P0.040	P0.040	P0.030	P0.040	P0.040
Repeatability (JIS 6338)	mm	±0.003	±0.003	±0.003	±0.003	±0.003	±0.003	±0.003
Repeatability (VDI 3441)	mm	Ps=0.02	Ps=0.025	Ps=0.030	Ps=0.030	Ps=0.035	Ps=0.025	Ps=0.030

TDT Series Specification

Page 4

Model	Unit	TD-6131 TDT-6131	TD-8131 TDT-8131	TD-4140 TDT-4140	TD-5140 TDT-5140	TD-6140 TDT-6140	TD-8140 TDT-8140
Travel							
X-axis	mm	6100	8100	4100	5100	6100	8100
Y-axis	mm	3100	3100	4000	4000	4000	4000
Z-axis	mm	1100	1100	1100	1100	1100	1100
Guide Way (X / Y / Z)	type	Roller Linear Guideway / Roller Linear Guideway / Box Way	Roller Linear Guideway / Roller Linear Guideway / Box Way	Roller Linear Guideway / Roller Linear Guideway / Box Way	Roller Linear Guideway / Roller Linear Guideway / Box Way	Roller Linear Guideway / Roller Linear Guideway / Box Way	Roller Linear Guideway / Roller Linear Guideway / Box Way
Distance from Spindle Nose to Table Surface	mm	200-1300	200-1300	200-1300	200-1300	200-1300	200-1300
Distance from Spindle Center to the Track Surface	mm	3200	3200	3750	3750	3750	3750
Table							
Table Dimension	mm	6000 × 2900	8000 × 2900	4000 × 3200/3500	5000 × 3200/3500	6000 × 3200/3500	8000 × 3200/3500
Max. Loading Capacity	kg	23000	26000	15000	18000	23000	26000
T-slots (Number × Width × Pitch)	no×mm	28 × 13 × 200	28 × 13 × 200	28 × 15 × 200/28×17×200	28 × 15 × 200/28×17×200	28 × 15 × 200/28×17×200	28 × 15 × 200/28×17×200
Spindle							
Spindle Speed (ST)	kW	22 / 26	22 / 26	22 / 26	22 / 26	22 / 26	22 / 26
Spindle Speed (OP)	kW	30 / 37	30 / 37	30 / 37	30 / 37	30 / 37	30 / 37
Spindle Speed (Gear) ST.	rpm	ST. 6000 / OP. 4000	ST. 6000 / OP. 4000	ST. 6000 / OP. 4000	ST. 6000 / OP. 4000	ST. 6000 / OP. 4000	ST. 6000 / OP. 4000
Spindle Speed (Direct-driven) OP.	rpm	OP. 8000 / OP. 10000	OP. 8000 / OP. 10000	OP. 8000 / OP. 10000	OP. 8000 / OP. 10000	OP. 8000 / OP. 10000	OP. 8000 / OP. 10000
Spindle Taper	type	BT50	BT50	BT50	BT50	BT50	BT50
Spindle Bearing Bore Diameter	mm	Φ100	Φ100	Φ100	Φ100	Φ100	Φ100
Feed							
Rapid Travel Rate (X / Y / Z)	m / min	10 / 20 / 15	10 / 15 / 15	20 / 15 / 15	15 / 15 / 15	12 / 15 / 15	10 / 15 / 15
Cutting Rate	mm / min	10000	10000	10000	10000	10000	10000
Manual JOG Feed Rate	kW	6.0 / 4.0 / 4.0	6.0 / 4.0 / 4.0	6.0 / 4.0 / 4.0	6.0 / 4.0 / 4.0	6.0 / 4.0 / 4.0	6.0 / 4.0 / 4.0
ATC							
Tool Shank Type	type	BT50 / CAT50	BT50 / CAT50	BT50 / CAT50	BT50 / CAT50	BT50 / CAT50	BT50 / CAT50
Full Stud	type	P50T-1	P50T-1	P50T-1	P50T-1	P50T-1	P50T-1
Magazine Capacity (ST)	tools	30	30	30	30	30	30
Magazine Capacity (OP)	tools	40 / 60	40 / 60	40 / 60	40 / 60	40 / 60	40 / 60
Max. Tool Diameter (with adjacent tool)	Φmm	Φ125	Φ125	Φ125	Φ125	Φ125	Φ125
Max. Tool Diameter (without adjacent tool)	Φmm	Φ215	Φ215	Φ215	Φ215	Φ215	Φ215
Max. Tool Length	mm	400	400	400	400	400	400
Max. Tool Weight	kg	20	20	20	20	20	20
Power Supply							
Power Supply	kVA	45	45	45	45	45	45
Controller		FANUC / MITSUBISHI / SIEMENS / HEIDENHAIN	FANUC / MITSUBISHI / SIEMENS / HEIDENHAIN	FANUC / MITSUBISHI / SIEMENS / HEIDENHAIN	FANUC / MITSUBISHI / SIEMENS / HEIDENHAIN	FANUC / MITSUBISHI / SIEMENS / HEIDENHAIN	FANUC / MITSUBISHI / SIEMENS / HEIDENHAIN
External Dimension							
External Dimension (Length×Width×Height)	mm	14900×6100/6400×4570	18900×6100/6400×4570	10800×7000/7500×5050	12900×7000/7500×5050	14900×7000/7500×5050	18900×7000/7500×5050
Net Weight (B / TDT)	kg	57250 / 59750	69000 / 71500	65000 / 68000	70000 / 73000	75000 / 78000	85000 / 88000
Gross Weight (B / TDT)	kg	61250 / 63750	73000 / 75500	71000 / 74000	76000 / 79000	81000 / 84000	91000 / 94000
Accuracy (Following values were tested in the temperature-controlled room)							
Positioning (JIS 6338)	mm	±0.015 Full Travel	±0.015 Full Travel	±0.015 Full Travel	±0.015 Full Travel	±0.015 Full Travel	±0.015 Full Travel
Positioning (VDI 3441)	mm	P0.050	P0.060	P0.030	P0.04	P0.050	P0.060
Repeatability (JIS 6338)	mm	±0.003	±0.003	±0.003/300	±0.003/300	±0.003/300	±0.003/300
Repeatability (VDI 3441)	mm	Ps=0.035	Ps=0.045	Ps=0.025	Ps=0.030	Ps=0.035	Ps=0.045