



SPECIFICATIONS		ROTARY AXIS	
DIAMETER OF TABLE	φ550 mm	INDEXING ACCURACY	20 sec
DIAMETER OF SPINDLE HOLE	φ130 H7 mm	CLAMPING TORQUE	350 kgf·m
CENTER HEIGHT (90°)	380 mm	SERVO MOTOR	<b>PANUC AC Q12</b>
TABLE HEIGHT (0°)	518 mm	TOTAL REDUCTION RATIO	1/180
WIDTH OF T-SLOT	14 H7 mm	ROTATION SPEED	8.3 rpm
WIDTH OF GUIDE BLOCK	20 h7 mm	INERTIA AT MOTOR SHAFT	0.0056 kg·cm·sec <sup>2</sup>
TILT AXIS TRAVEL	-105° ~ +105°	TILT AXIS INDEXING ACCURACY	60 sec
MAX LOAD (0° ~ 30°)	500 kg	CLAMPING TORQUE	640 kgf·m
MAX LOAD (30° ~ 90°)	300 kg	SERVO MOTOR	<b>PANUC AC Q12</b>
CLAMPING METHOD	HYDRAULIC	TOTAL REDUCTION RATIO	1/360
MIN INCREMENT	0.001°	ROTATION SPEED	4.1 rpm
NET WEIGHT	950 kg	INERTIA AT MOTOR SHAFT	0.0053 kg·cm·sec <sup>2</sup>

ROTARY AXIS		TILT AXIS	
1	OIL FILLING PART FOR BODY (M20 Fine Thread gitch 20 mm)	7	OIL FILLING PART FOR BODY
2	SIGHT GLASS FOR BODY	8	SIGHT GLASS FOR BODY
3	OIL DRAIN PLUG FOR BODY	9	OIL DRAIN PLUG FOR BODY
4	HYDRAULIC HOSE CONNECTION (CLAMP) Rc3/8 Taper Pipe Thread	10	HYDRAULIC HOSE CONNECTION (CLAMP) Rc3/8 Taper Pipe Thread
5	HYDRAULIC HOSE CONNECTION (CLAMP) Rc3/8 Taper Pipe Thread	11	HYDRAULIC HOSE CONNECTION (CLAMP) Rc3/8 Taper Pipe Thread
6		12	OIL FILLING PART FOR GEAR BOX (M20 Fine Thread gitch 20 mm)
7		13	SIGHT GLASS FOR GEAR CASE (TILT AXIS)
8		14	OIL DRAIN PLUG FOR GEAR CASE (TILT AXIS)
9		15	Rc3/8 Taper Pipe Thread 4 Places (A, B, C and D) (Input)
		16	Rc3/8 Taper Pipe Thread 4 Places (A, B, C and D) (Output)

TITLE		CUSTOMER	
MODEL	ROTARY TILT TABLE	ORDER NO.	KS-AX550R-FA1RT
DATE	Nov/19/2000	DESIGNED	Ted. Kurokura (oshiba) to
SCALE	1/5	CHECKED	SAK
DATE	Nov/19/2000	APPROVED	SAK
NIKKEN KOSAKUSHO WORKS, LTD.		DRG. NAME	TC-A-44019/0
		DRG. NO.	