

YUASA ROTARY TABLES



SUDX AND EUDX SERIES ROTARY TABLE MODELS (SINGLE SPINDLE)



UNDC-100 (SUDX)



UNDC-500 (EUDX)

SUDX AND EUDX SERIES ROTARY TABLE MODELS (SINGLE SPINDLE)

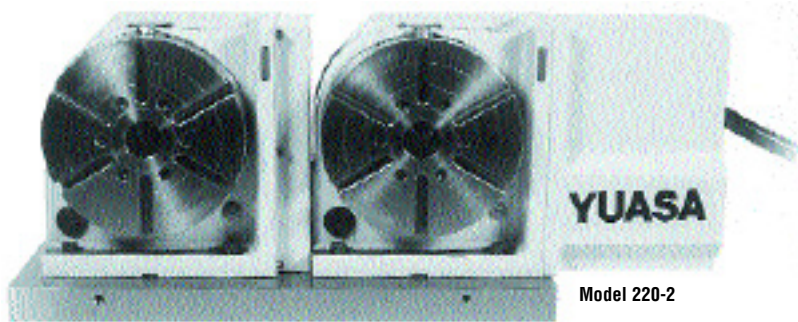
Model SUDX/EUDX Code No.	130 338-005	140 338-006	170 338-008	220 338-010	280 338-012	320 338-014	400 338-016
Sub Table O.D.	5.12 (130)	5.51 (140)	6.69 (170)	8.66 (220)	11.02 (280)	12.60 (320)	15.75 (400)
Sub Table Bore I.D.	1.18 (30)	0.98 (25)	1.65 (42)	1.65 (42)	1.65 (42)	1.65 (42)	1.65 (42)
Sub Table Threaded I.D.	N/A	M20 P2.5	M36 P3.0	M36 P3.0	M36 P3.0	M36 P3.0	M36 P3.0
Centre Height inch (mm)	4.13 (105)	4.53 (115)	5.12 (130)	6.30 (160)	7.48 (190)1	8.66 (220)	10.24 (260)
Max rpm	75	62	62	50	16.6	16.6	16.6
Spindle Torque ft. lbs. (kg/m)							
SUDX	65 (9)	80 (11)	100 (14)	110 (15)	400 (55)	450 (62)	500 (69)
EUDX	90 (12)	156 (21)	165 (23)	195 (27)	780 (108)	810 (112)	1,170 (162)
Spindle Brake Torque ft. lbs. (kg/m)	40 (5)	65 (9)	110 (15)	180 (25)	325 (45)	480 (66)	650 (90)
Resolution (degrees)	0.00075	0.000625	0.000625	0.0005	0.00025	0.00025	0.00025
Max Load Horizontal (Table Position) lbs. (kg)	66 (30)	110 (50)	180 (80)	260 (120)	400 (180)	550 (250)	660 (300)
Max Load Vertical (Table Position) lbs. (kg)	33 (15)	55 (25)	90 (40)	130 (60)	200 (90)	275 (125)	330 (150)
Positioning Accuracy	(±) 22.5 seconds						
Repeatability	6 seconds						
Motor Type	DC servo (SUDX) Digital AC Servo (EUDX)						
Setting Position	Horizontal / Vertical						
Thru Hole Diameter	1.44 (36.5)	1.26 (32)	1.77 (45)	2.50 (63.5)	3.54 (90)	4.33 (110)	5.12 (130)
Power Supply	105 - 125 VAC 15 Amp (SUDX) 200 - 250 VAC Single Phase 15 Amp (EUDX)						
Spindle Runout	0.0006 (0.02)						
Spindle Type	Accu-Flange Plate with 6 T-Slots (SUDX 130 - 4 T-Slots)						
Net Weight lbs. (kg)	70 (32)	84 (38)	108 (49)	180 (82)	282 (128)	418 (190)	682 (310)
Price \$	13,072.30	23,334.27	17,053.70	15,537.00	18,949.60	42,015.03	50,020.42



SUDX/EUDX MULTI-SPINDLE ROTARY TABLE MODELS

We offer our Multi-Spindle Rotary models in two and three spindle.

- Excellent for reducing overall machining time
- Fewer tool changes, and more "In the Cut" time, producing more parts per hour
- Table sizes range from 130mm (5.12") to 280mm (11.02")
- High Torque servo drives provide the power necessary to move even three spindle units with ease.
- Class "A" tapered roller bearings allow each spindle to move freely, even when tailstock pressure is applied
- Uses only one controller
- Same basic features as the single spindle series
- Can be supplied as fourth axis upon request with standard AC drives (Fanuc, Yasnac, Mitsubishi, etc.)



Model 220-2



UNDC-100 (SUDX)



UNDC-500 (EUDX)

Standard Accessories

- UDNC 100 Controller (SUDX), UDNC 500 (EUDX)
- Remote cable (for M-Code interface, 15 ft.)
- Power Cord: 105 - 125 VAC (SUDX), 200 - 250 VAC (EUDX)
- Operators Manual, Warranty Card, Locating Keys
- T-Slotted Face Plates (2 or 3) (removable)
- PC programming software

Optional Accessories

- Handwheels (SPG-100, LPG-200)
- Hand Computer Terminal (HCT-001, HCT-002)
- Remote quill switch (RQS-100) for manual mills
- Terminal Cable for HCT (TIC-002)
- Collet Chucks, Lathe Chucks, etc.
- Tailstocks, (manual and air operated)
- Vise and collet block trunion fixtures

SUDX/EUDX MULTI-SPINDLE ROTARY TABLE MODELS											
Model SUDX/EUDX Code No.		130-2 338-100	130-2 338-102	140-2 338-104	140-2 338-106	170-2 338-108	170-2 338-109	220-2 338-110	220-2 338-112	280-2 338-114	
Sub Table	O.D.	5.12 (130)		5.51 (140)		6.69 (170)		8.66 (220)		11.02 (280)	
	Bore I.D.	1.18 (30)		0.98 (25)		1.65 (42)		1.65 (42)		1.65 (42)	
	Threaded I.D.	N/A		M20 P 2.5		M36 P 3.0		M36 P 3.0		M36 P 3.0	
Centre Height		5.12 (130)		5.51 (140)		6.30 (160)		7.87 (200)		9.06 (230)	
Max. rpm		75		62		41.6		33.3		16.6	
Rotary Torque	SUDX	60 (8)	50 (7)	70 (9)	60 (8)	90 (12)	80 (11)	150 (21)	120 (16)	300 (41)	
	EUDX	80 (11)	72 (10)	101 (14)	94 (13)	145 (20)	130 (18)	252 (35)	202 (28)	500 (69)	
Brake Torque	ft./lbs. (kg/m)	40 (5)		65 (9)		110 (15)		180 (25)		325 (45)	
Resolution	(deg)	0.00075°		0.000625°		0.000625°		0.0005°		0.00025°	
Max Load Horiz.	(Table Position) lbs. (kg)	66 (30)		110 (50)		180 (80)		260 (120)		400 (180)	
Max Load Vert.	(Table Position) lbs. (kg)	33 (15)		55 (25)		90 (40)		130 (60)		200 (90)	
Positioning Accuracy		±30 seconds									
Thru Hole Dia.		1.44 (36.5)			1.26 (32)		1.77 (45)		2.50 (63.5)		3.54 (90)
inch (mm) (Spindle)											
Net Weight	lbs. (kg)	156 (71)	233 (106)	174 (79)	260 (118)	266 (121)	400 (182)	442 (201)	653 (297)	693 (315)	
Price \$		22,172.70	24,021.10	23,888.40	25,723.70	26,154.10	27,473.60	31,083.40	32,994.40	34,505.50	