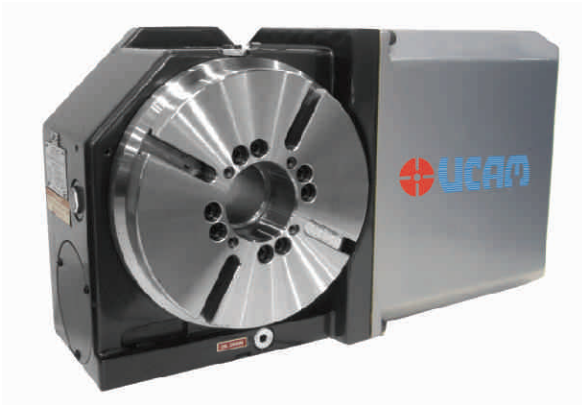


CNC Rotary Table













CNC ROTARY TABLE



Features:

- Pneumatic / Hydraulic Clamping
- Pre Loaded Axial Radial Roller Bearing
- Gear Mechanism - Motor to Worm Shaft
- Dual Lead Worm Gear set
- Vertical mounting
- Option available with Vertical /Horizontal mounting
- High Clamping Torque

Specification

Model		URH-180	URX-200	URX-250	URX-320
Turn Table diameter (mm)		ø180	ø200	ø250	ø320
Table Center height (mm)		135	140	160	210
Center Bore diameter (H7) (mm)		ø60	ø60	ø60	ø100
T-Slot size (mm)	Ref slots (H7)	12x2	12x2	12x6	14x2
	Other slots (H8)	12x2	12x2	12x6	14x6
Tenon Slot size (H7) (mm)		14	14	18	18
Servo Motor Torque (Nm) #		3	3	6	6
Speed Reduction ratio		1:90	1:90	1:120	1:144
Table Gyration angle/pulse		0.001 °	0.001 °	0.001 °	0.001 °
Table Rotation speed (rpm)	(Motor 3000 rpm)	33.33	33.33	25	20.83
Load Capacity (kg)	Horizontal 	250	300	400	600
	Vertical 	125	150	180	250
	With tailstock support 	250	300	400	600
Max. Thrust load (N)	Horizontal 	12000	14000	20000	24000
	Vertical 	4500	5000	7000	8500
Tilting moment (Nm)	Horizontal (FxL) 	1100	1200	2000	3000
	Vertical (FxL) 	650	700	1300	2000
Clamp Torque (Nm)	Pneumatic @ 5 bar 	350	400	450	-
	Hydraulic @ 30 bar 	450	900	1100	1700
Driving Torque (Nm)		250	250	400	636
Allowable work Inertia	(kg.m ²) 	1.5	5	15	34
Indexing Accuracy * (Arc Sec)		±15"	±15"	±15"	±15"
Repeatability (Arc Sec)		4"	4"	4"	4"
NetWeight (kg) (approx)		45	60	100	180

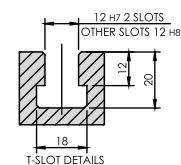
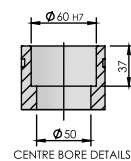
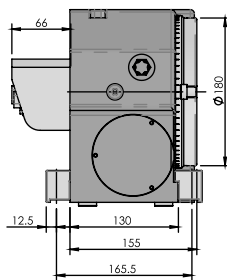
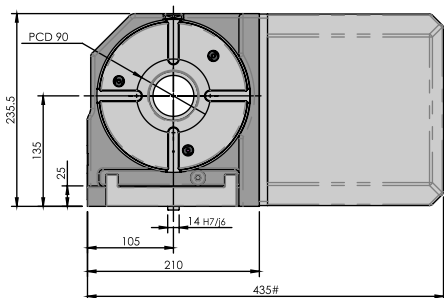
* Higher Accuracy ± 5" on request

Check motor models on Page No. 72

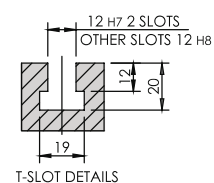
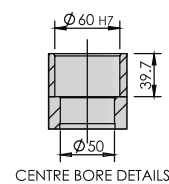
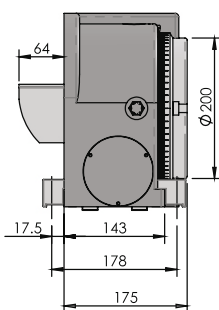
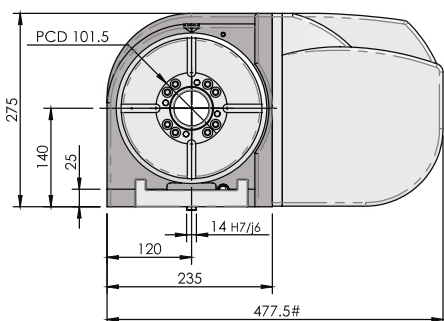
Option available with pressurisation - Please contact us



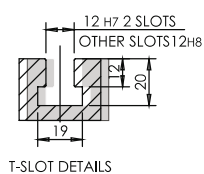
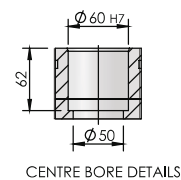
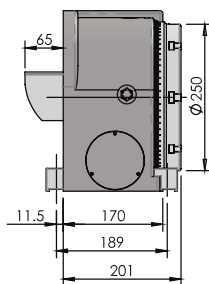
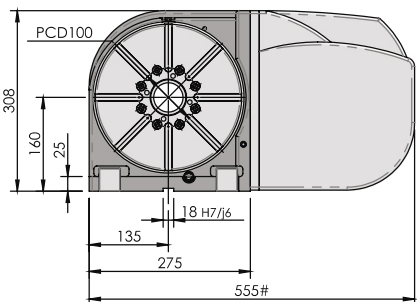
Model URH-180 (Right Hand Motor Mounting)



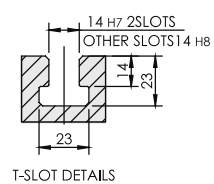
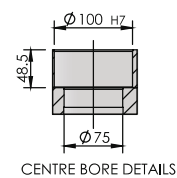
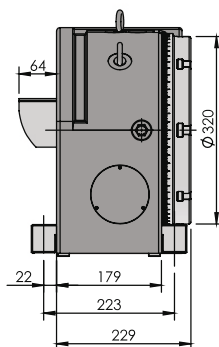
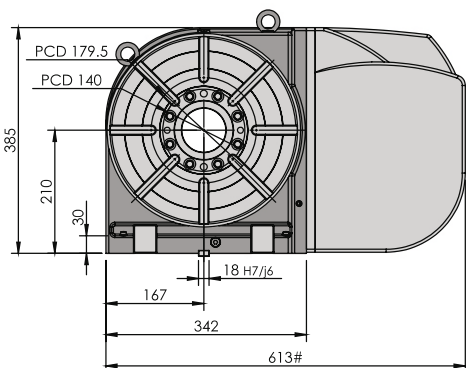
Model URX-200 (Right Hand Motor Mounting)



Model URX-250 (Right Hand Motor Mounting)

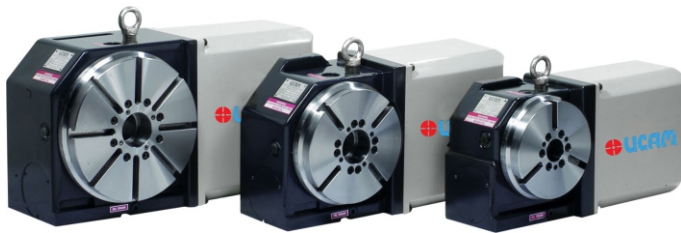


Model URX-320 (Right Hand Motor Mounting)



Dimensions marked as # is dependent on motor being used.











CNC ROTARY TABLE



Features:

- Pneumatic / Hydraulic Clamping
- Pre Loaded Axial Radial Roller Bearing
- Gear Mechanism - Motor to Worm Shaft
- Dual Lead Worm Gear set
- Vertical mounting
- Option available with Vertical/Horizontal mounting

Specification

Model		URH-151	URH-170	URH-201	URH-251
Turn Table diameter (mm)		ø150	ø170	ø200	ø250
Table Center height (mm)		110	135	140	160
Center Bore diameter (H7) (mm)		ø40	ø40	ø60	ø60
T-Slot size (mm)	Ref slots (H7)	10x2	12x1	12x2	12x2
	Other slots (H8)	10x2	12x2	12x2	12x6
Tenon Slot size (H7) (mm)		14	14	14	18
Servo Motor Torque (Nm) #		2	3	3	6
Speed Reduction ratio		1:90	1:90	1:90	1:120
Table Gyration angle/pulse		0.001 °	0.001 °	0.001 °	0.001 °
Table Rotation speed (rpm)	(Motor 3000 rpm)	33.3	33.3	33.3	25
Load Capacity (kg)	Horizontal 	100	200	300	350
	Vertical 	60	100	150	180
	With tailstock support 	100	200	300	350
Max. Thrust load (N)	Horizontal 	8000	12000	14000	20000
	Vertical 	2500	4500	5000	7000
Tilting moment (Nm)	Horizontal (FxL) 	400	1000	1200	2000
	Vertical (FxL) 	150	650	700	1300
Clamp Torque (Nm)	Pneumatic @ 5 bar 	150	200	250	400
	Hydraulic @ 30 bar 	250	450	500	600
Driving Torque (Nm)		150	250	250	400
Allowable work Inertia	(kg.m ²) 	0.5	0.8	1.5	2.4
Indexing Accuracy * (Arc Sec)		±20"	±15"	±15"	±15"
Repeatability (Arc Sec)		4"	4"	4"	4"
Net Weight (kg) (approx)		39	45	60	100

* Higher Accuracy ± 5" on request

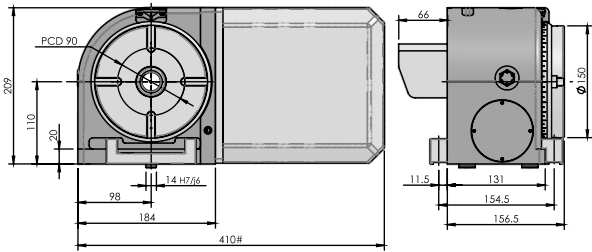
Check motor models on Page No. 72

Option available with pressurisation - Please contact us

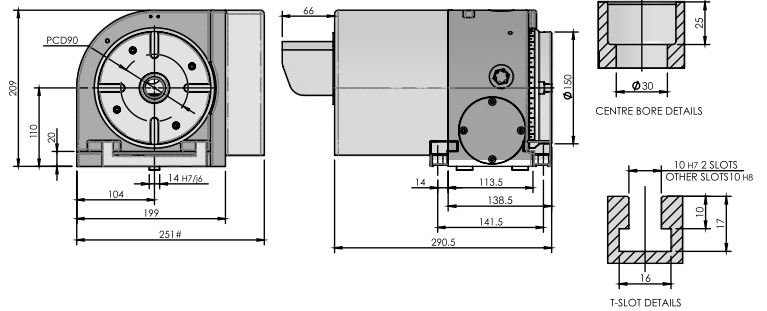
DIMENSIONAL DIAGRAMS



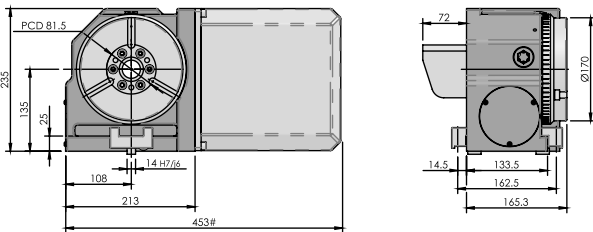
Model URH-151 (Right Hand Motor Mounting)



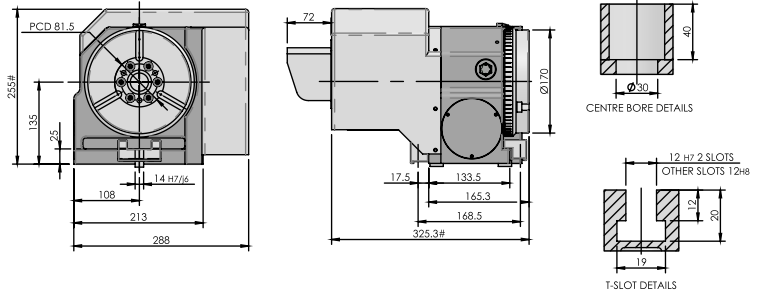
Model URH-151 (Rear Motor Mounting)



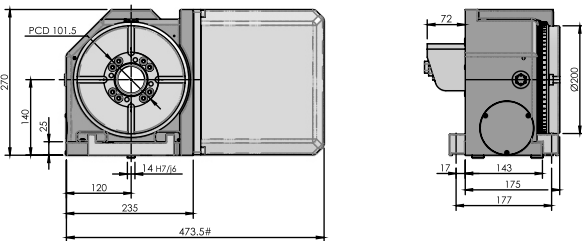
Model URH-170 (Right Hand Motor Mounting)



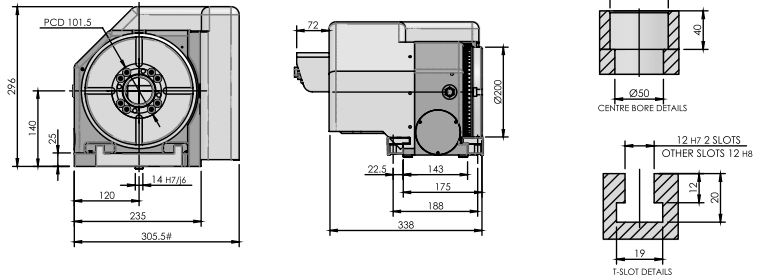
Model URH-170 (Rear Motor Mounting)



Model URH-201 (Right Hand Motor Mounting)

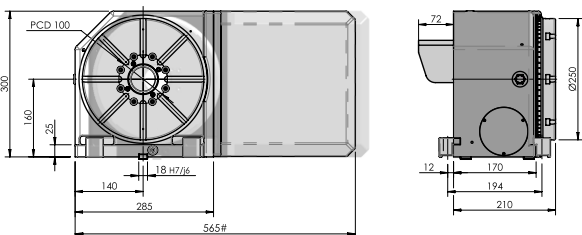


Model URH-201 (Rear Motor Mounting)

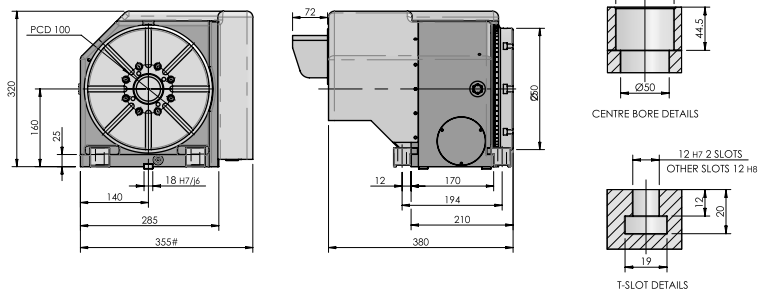


Left hand Motor Mounting also available.

Model URH-251 (Right Hand Motor Mounting)



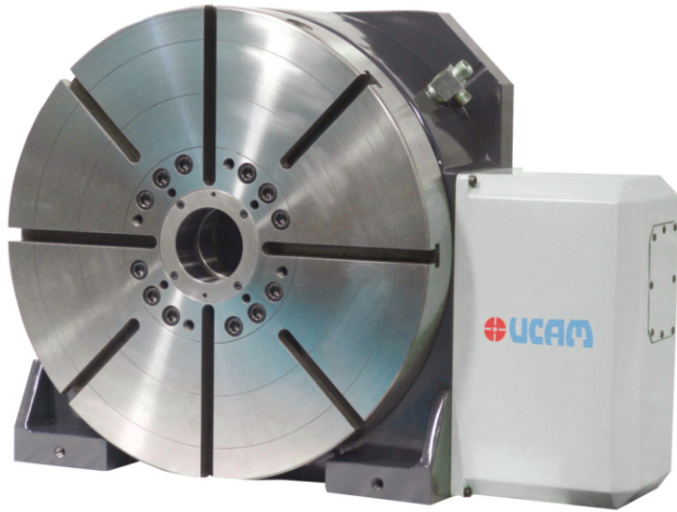
Model URH-251 (Rear Motor Mounting)



Left hand Motor Mounting also available.

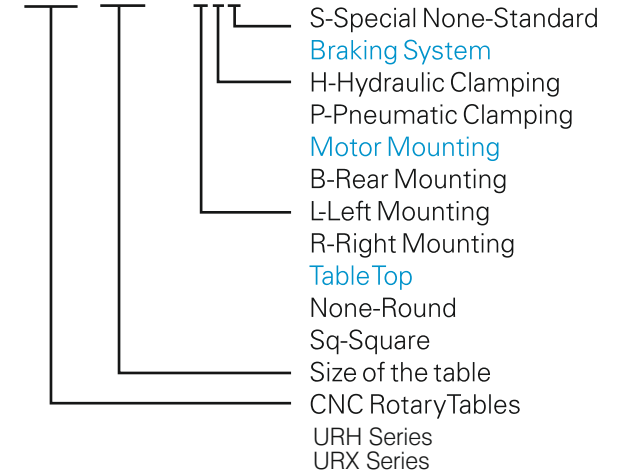
Dimensions marked as # may vary according to the motor being used.

CNC ROTARY TABLE



Ordering code for CNC Rotary Tables

URH- 500- X-RPS



Specification

Model		URH-321	URH-401	URH-500	URH-631
Turn Table diameter (mm)		ø320	ø400	ø500	ø630
Table Center height (mm)		210	230	310	325
Center Bore diameter (H7) (mm)		ø100	ø100	ø100	0100
T-Slot size (mm)	Ref slots (H7)	14x2	14x2	18x2	18x2
	Other slots (H8)	14x6	14x6	18x6	18x6
Tenon Slot size (H7) (mm)		18	18	18	22
Servo Motor Torque (Nm) #		6	9	12	12
Speed Reduction ratio		1:144	1:180	1:144	1:180
Table Gyration angle/pulse		0.001°	0.001°	0.001°	0.001°
Table Rotation speed (rpm)	(Motor 3000 rpm)	20.83	11.11**	13.88**	11.11**
Load Capacity (kg)	Horizontal	600	750	900	2200
	Vertical	250	350	400	500
	With tailstock support	600	750	900	2200
Max. Thrust load (N)	Horizontal	24000	30000	35000	40000
	Vertical	8500	10000	11000	12000
Tilting moment (Nm)	Horizontal (FxL)	3000	4500	6000	8000
	Vertical (FxL)	2000	2400	3000	3000
Clamp Torque (Nm)	Hydraulic @ 30 bar	1100	2000	2750	3500
Driving Torque (Nm)		636	800	1000	1800
Allowable work Inertia	(kg.m ²)	34	44	52	68
Indexing Accuracy * (Arc Sec)		±15"	±15"	±15"	±15"
Repeatability (Arc Sec)		4"	4"	4"	4"
NetWeight (kg) (approx)		200	250	470	675

* Higher Accuracy ± 5" on request

** Motor RPM 2000

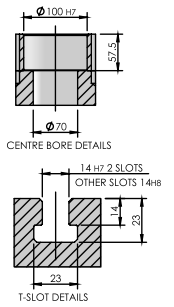
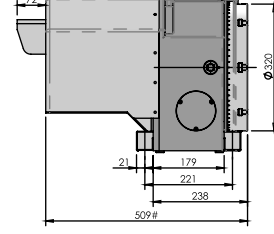
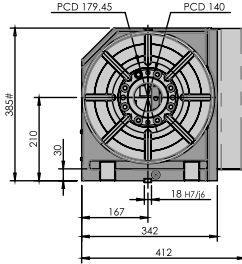
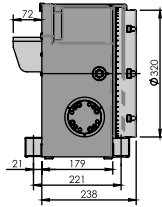
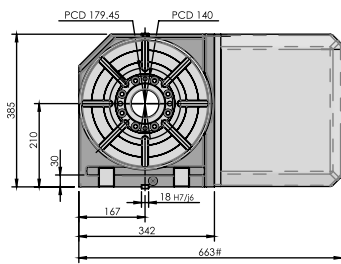
Check motor models on Page No. 72

Option available with pressurisation - Please contact us



Model URH-321 (Right Hand Motor Mounting)

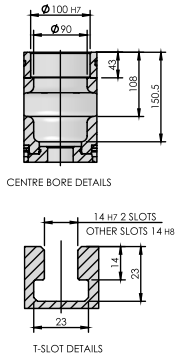
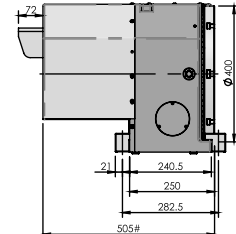
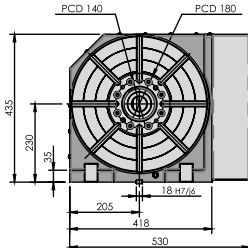
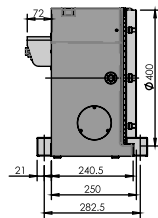
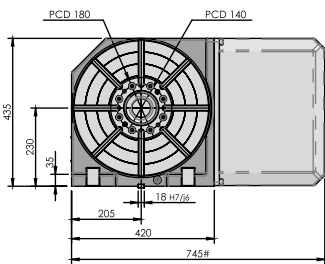
Model URH-321 (Rear Motor Mounting)



Left hand Motor Mounting also available.

Model URH-401 (Right Hand Motor Mounting)

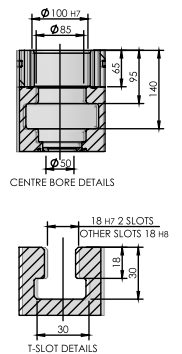
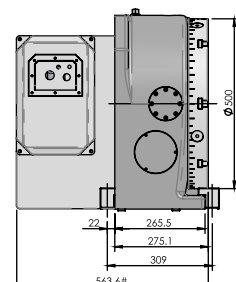
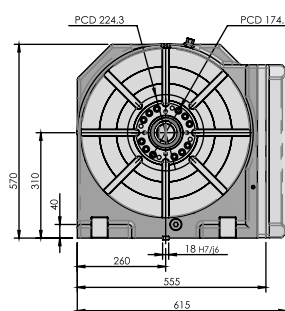
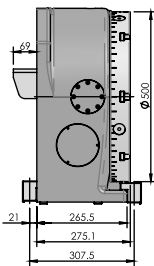
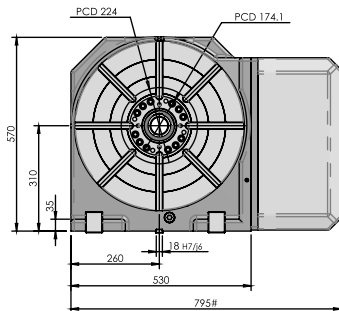
Model URH-401 (Rear Motor Mounting)



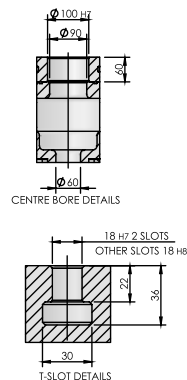
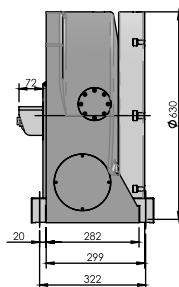
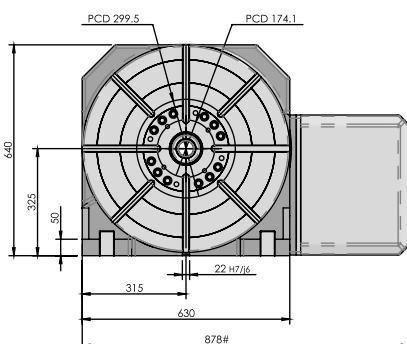
Left hand Motor Mounting also available.

Model URH-500 (Right Hand Motor Mounting)

Model URH-500 (Rear Motor Mounting)

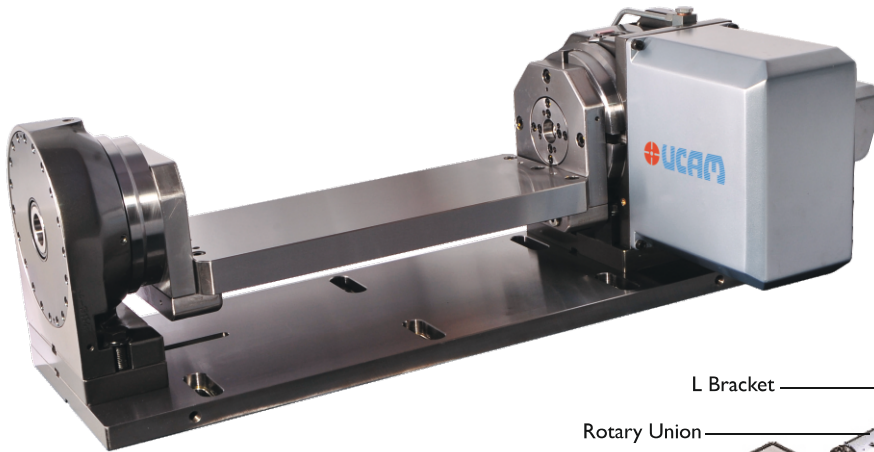


Model URH-631 (Right Hand Motor Mounting)



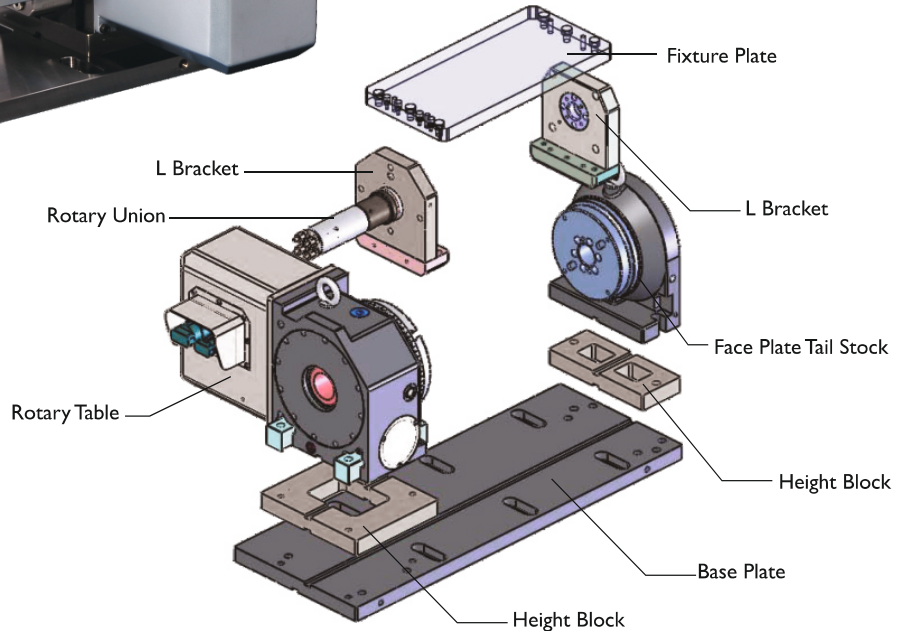
Dimensions marked as # is dependent on motor being used.

ROTARY PRODUCTION SYSTEM



Features:

- Modular concept design
- Drop-in Rotary Union for power clamp
- Clamps can be used without plumbing



Specification

Model		URPS-201	URPS-251	URPS-321
Turn Table diameter (mm)		ø200	ø250	ø320
Table Center height (mm)		140	160	210
Center Bore diameter		ø60	ø60	ø100
T-Slot size (mm)	Ref slots (H7)	12x2	12x2	14x2
	Other slots (H8)	12x2	12x6	14x6
Tenon Slot size (H7) (mm)		14	18	18
Servo Motor Torque (Nm) #		6	6	8
Speed Reduction ratio	Rotary axis	1:90	1:120	1:144
Table Gyration angle/pulse		0.001°	0.001°	0.001°
Table Rotation speed (rpm)	(Motor 3000 rpm)	33.33	25	20.83
Load Capacity (kg)		300	350	600
Max. Thrust load (N)	Horizontal	14000	20000	24000
Tilting moment (Nm)	Horizontal (FxL)	1200	2000	3000
Clamp Torque ^ (Nm)	Pneumatic @ 5 bar	450	600	-
	Hydraulic @ 30 bar	950	1050	1700
Driving Torque (Nm)		250	400	636
Indexing Accuracy * (Arc Sec)		±15"	±15"	±15"

^ Also available with Higher Clamp Torque

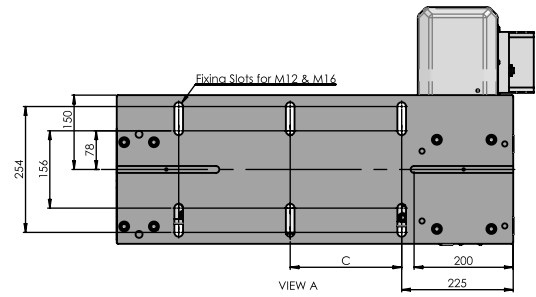
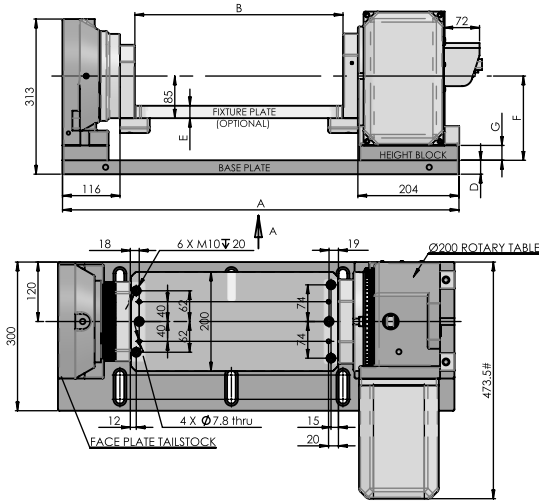
Check motor models on Page No. 72

* Higher Accuracy ± 5" on request

DIMENSIONAL DIAGRAMS



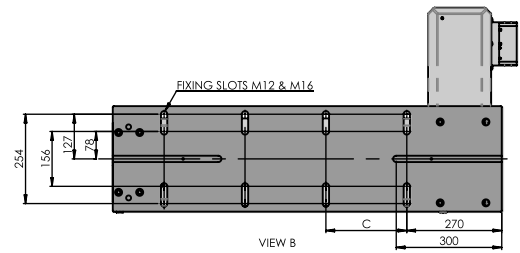
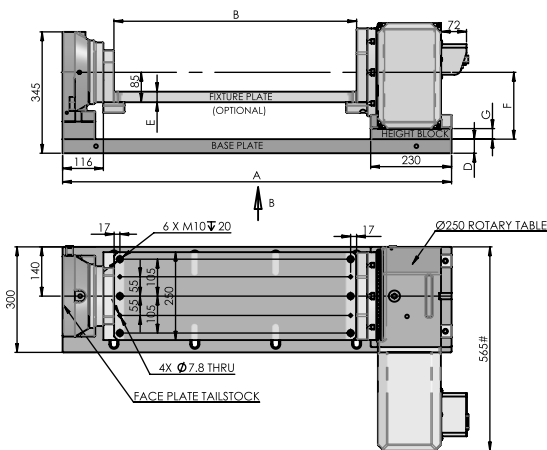
Model URPS-201



	A	B	C	D	E	Approx.Wt(kgs)
Option I	700	320	175	28	25	166
Option II	800	420	225	28	40	177
Option III	900	520	275	28	40	190
Option IV	1000	620	275	37	40	200
Option V	1100	720	275	37	50	235
Option VI	1200	820	275	37	50	255

Height Block (optional)						
F	140	170	200	230		
G	0	30	60	90		

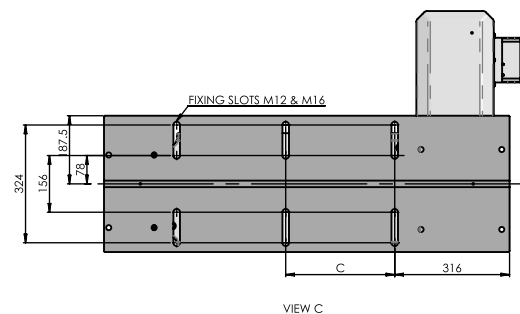
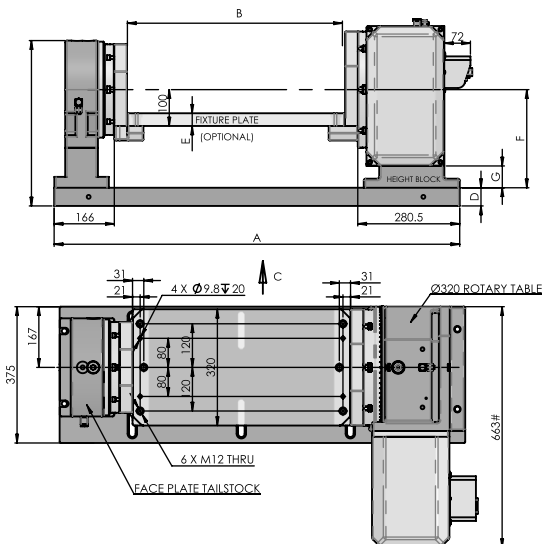
Model URPS-251



	A	B	C	D	E	Approx.Wt(kgs)
Option II	806	390	200 (3 slots)	28	40	214
Option III	906	490	250 (3 slots)	28	40	228
Option IV	1006	590	200 (4 slots)	37	40	289
Option V	1106	690	230 (4 slots)	37	50	307
Option VI	1206	790	250 (4 slots)	37	50	328

Height Block (optional)						
F	160	190	220	250		
G	0	30	60	90		

Model URPS-321

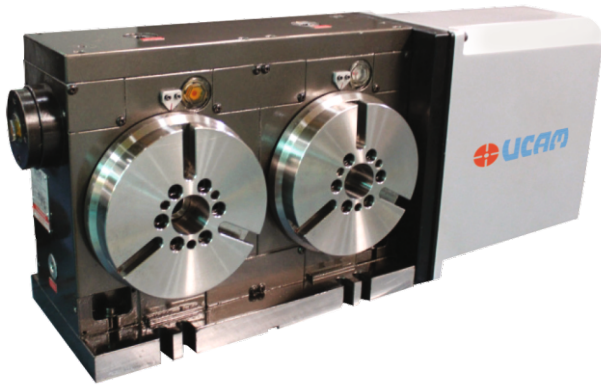


	A	B	C	D	E	Approx.Wt(kgs)
Option V	1116	600	300	50	50	475
Option VI	1216	700	350	50	50	490
Option VII	1316	800	400	50	50	505

Height Block (optional)						
F	210	240	270	300		
G	0	30	60	90		

Dimensions marked as # is dependent on motor being used.

MULTI SPINDLE ROTARY TABLE



Features:

- Rotary spindles at close center distances.
- Compact drive through AC Servomotor.
- Common worm shaft, yet independent backlash adjustment.

Specification

Model		URH-125		URH-170	
		2S	3S	2S	3S
Turn Table diameter (mm)		ø125		ø170	
Table Center height (mm)		110		155	
Center Bore diameter (H7) (mm)		ø30		ø40	
Number of Spindles (Pitch-mm)*		2,3(145)		2,3(200)	
T-Slot size (mm)	Ref slots (H7)	10x2		12x1	
	Other slots (H8)	10x2		12x2	
Tenon Slot size (H7) (mm)		14		14	
Servo Motor Torque (Nm) #		2	3	6	
Speed Reduction ratio		1:90		1:90	
Table Gyration angle/pulse		0.001°		0.001°	
Table Rotation speed (rpm)	(Motor 3000 rpm)	33.3		33.3	
Load Capacity (kg)	Horizontal	30		180	
	Vertical	15		80	
Max. Thrust load (N)	Horizontal	5000		12000	
	Vertical	1500		4500	
Tilting moment (Nm)	Horizontal (FxL)	200		1000	
	Vertical (FxL)	150		650	
Clamp Torque ^ (Nm)	Hydraulic @ 30 bar	150		400	
	Pneumatic @ 5 bar	60		175	
Driving Torque (Nm)		50		225	
Indexing Accuracy * (Arc Sec)		±30"	±30"	±20"	
Repeatability (Arc Sec)		4"		4"	
NetWeight (kg) (approx)		75	100	130	160

^ Also available with Higher Clamp Torque

Check motor models on Page No. 72

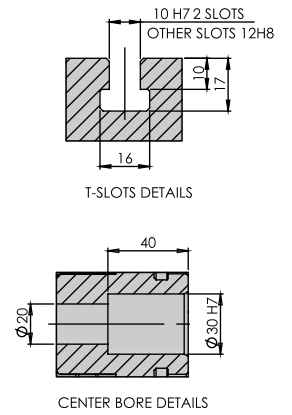
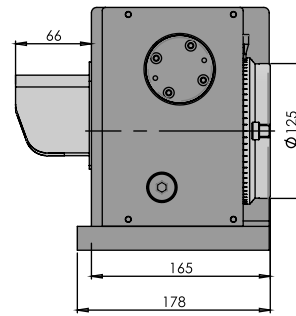
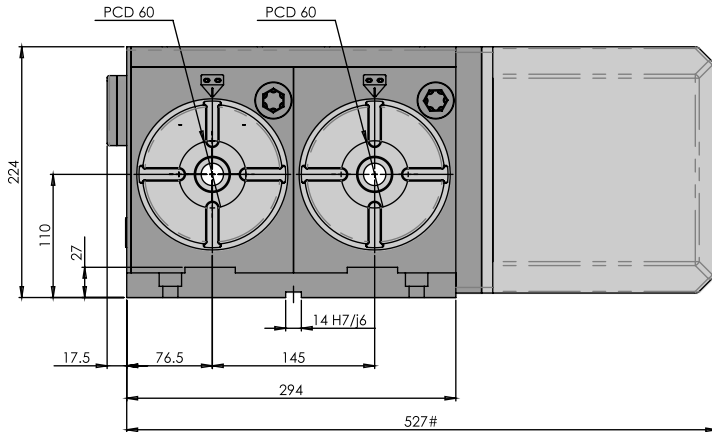
* Customized pitch available on request

Option available with pressurisation - Please contact us

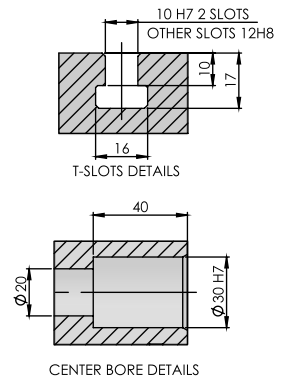
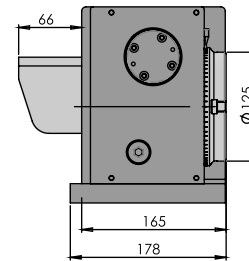
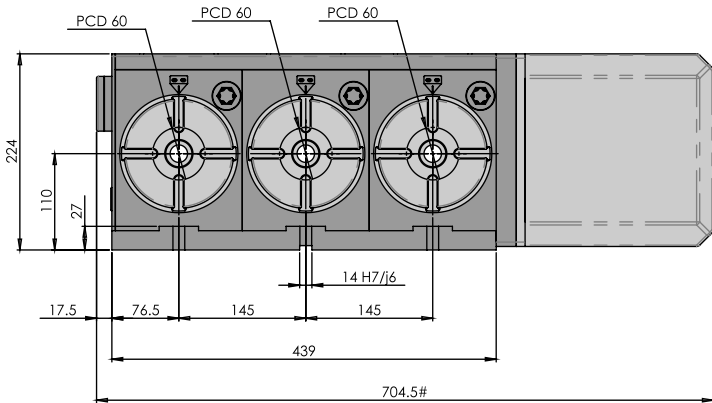
DIMENSIONAL DIAGRAMS



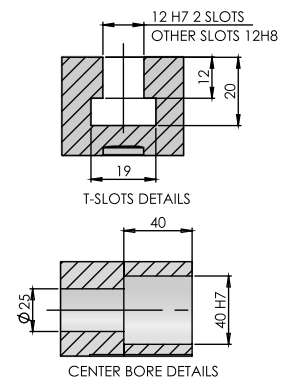
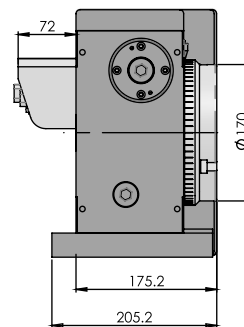
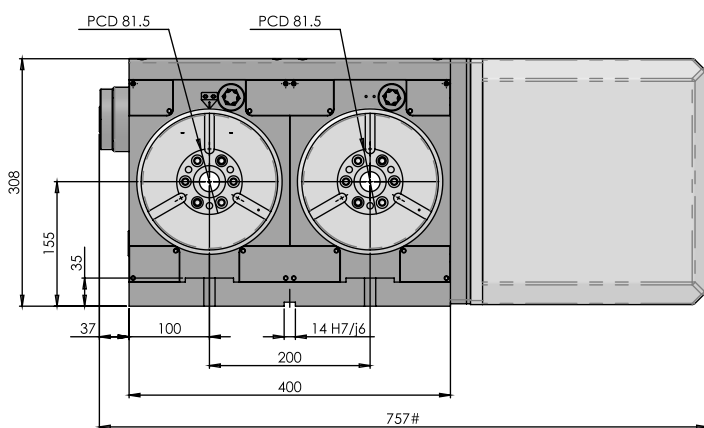
Model URH - 125-2S



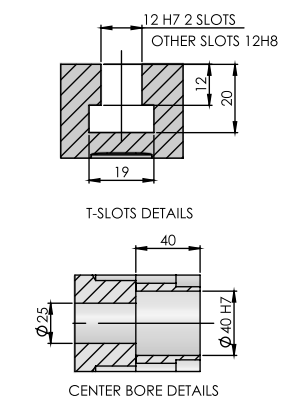
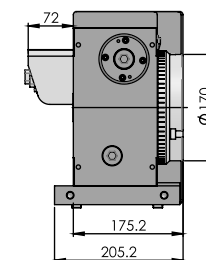
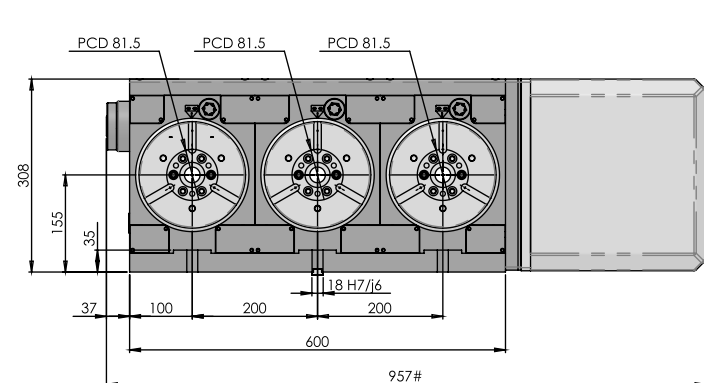
Model URH - 125-3S



Model URH - 170-2S

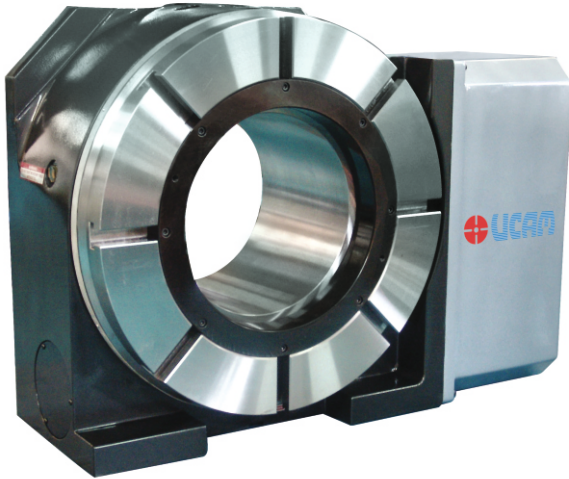


Model URH - 170-3S



Dimension Marked as '#' is Dependent on Motor being used











LARGE BORE ROTARY TABLE



Features:

- Hydraulic Clamping.
- High Grade C I Construction.
- Dual Lead Worm Gear Set.
- Motor mounting & Drive elements to suit motor.
- Vertical mounting.
- Option available with Vertical / Horizontal mounting.

Specification

Model		ULBR-250	ULBR-320	ULBR-400	ULBR-500
Turn Table diameter (mm)		ø250	ø320	ø400	ø500
Table Center height (mm)		160	210	230	290
Center Bore diameter (H7) (mm)		ø80	ø115	ø150	ø280
Thru Bore (mm)		ø70	ø110	ø140	ø270
T-Slot size (mm)	Ref slots (H7)	12x2	14x2	14x2	18x2
	Other slots (H8)	12x6	14x6	14x6	18x6
Tenon Slot size (H7) (mm)		18	18	18	18
Servo Motor Torque (Nm) #		6	6	9	12
Speed Reduction ratio		1:120	1:180	1:180	1:144
Table Gyration angle/pulse		0.001°	0.001°	0.001°	0.001°
Table Rotation speed (rpm)	(Motor 3000 rpm)	25	16.66	16.66	20.83
Load Capacity (kg)	Horizontal 	350	600	750	1200
	Vertical 	180	250	350	500
	With tailstock support 	350	600	750	1200
Max. Thrust load (N)	Horizontal 	20000	24000	30000	30000
	Vertical 	7000	8500	10000	9350
Tilting moment (Nm)	Horizontal (FxL) 	2000	3000	4500	5000
	Vertical (FxL) 	1300	2000	2400	2500
Clamp Torque ^ (Nm)	Hydraulic @ 30 bar 	600	1100	2000	2300
Driving Torque (Nm)		400	636	800	1000
Allowable work Inertia	(kg.m ²) 	2.4	34	44	52
Indexing Accuracy * (Arc Sec)		±15"	±15"	±15"	±15"
Repeatability (Arc Sec)		4"	4"	4"	4"
Net Weight (kg) (approx)		100	200	250	500

* Larger thru bore size available on request

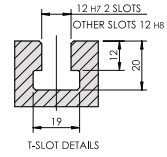
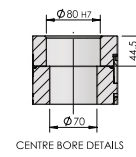
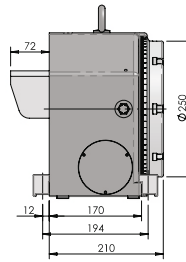
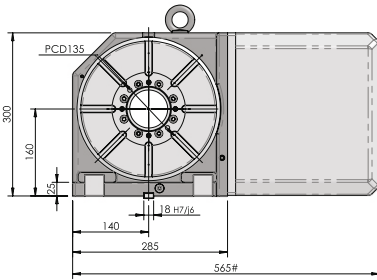
Check motor models on Page No. 72

Option available with pressurisation - Please contact us

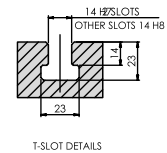
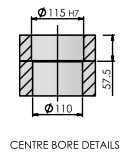
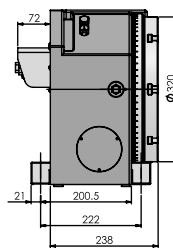
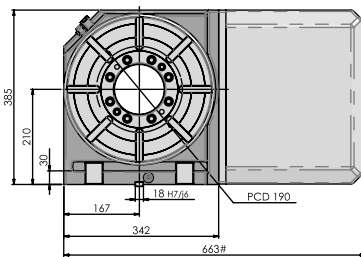
DIMENSIONAL DIAGRAMS



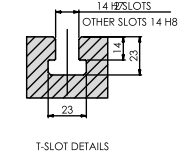
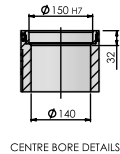
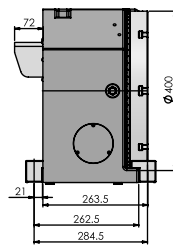
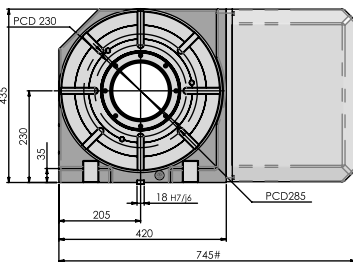
Model ULBR - 250



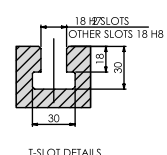
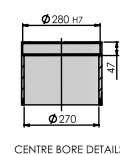
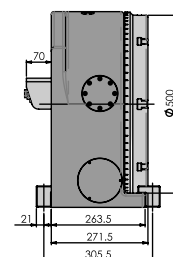
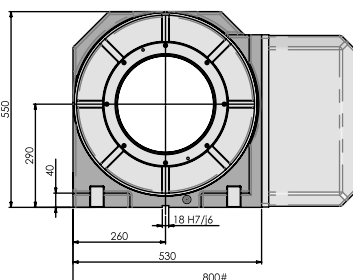
Model ULBR - 320



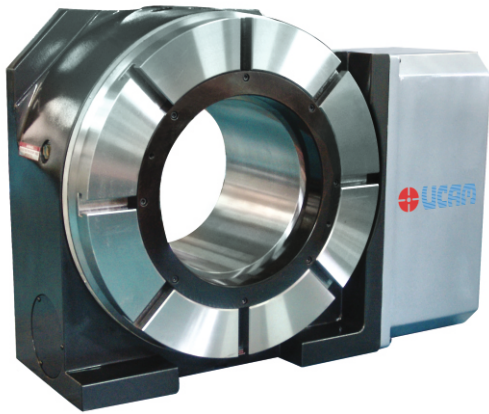
Model ULBR - 400



Model ULBR - 500













LARGE BORE ROTARY TABLE



Features:

- Hydraulic Clamping.
- High Grade C I Construction.
- Dual Lead Worm Gear Set.
- Motor mounting & Drive elements to suit motor.
- Vertical mounting.
- Option available with Vertical / Horizontal mounting.

Specification

Model		ULBR-630	ULBR-800	ULBR-1000
Turn Table diameter (mm)		ø630	ø800	ø1000
Table Center height (mm)		350	440	575
Center Bore diameter (H7) (mm)		ø350	ø260	ø525
Thru Bore (mm)		ø340	ø254	ø500
T-Slot size (mm)	Ref slots (H7)	18x2	18x2	22x2
	Other slots (H8)	18x6	18x6	22x6
Tenon Slot size (H7) (mm)		22	22	22
Servo Motor Torque (Nm)		12	20	30
Speed Reduction ratio		1:180	1:300	1:300
Table Gyration angle/pulse		0.001°	0.001°	0.001°
Table Rotation speed (rpm)	(Motor 2000 rpm)	11.11	6.6	6.6
Load Capacity (kg)	Horizontal 	1300	3000	5000
	Vertical 	635	1200	2500
	With tailstock support 	1300	3000	5000
Max. Thrust load (N)	Horizontal 	34000	40000	60000
	Vertical 	10000	20000	30000
Tilting moment (Nm)	Horizontal (FxL) 	6800	10000	22000
	Vertical (FxL) 	2900	5000	17500
Clamp Torque ^ (Nm)	Hydraulic @ 30 bar 	2700	3500	10000
Driving Torque (Nm)		1800	2200	4000
Allowable work Inertia	(kg.m ²) 	70	110	310
Indexing Accuracy* (Arc Sec)		±15"	±15" *	±15"
Repeatability (Arc Sec)		4"	4"	4"
Net Weight (kg) (approx)		675	1300	3100

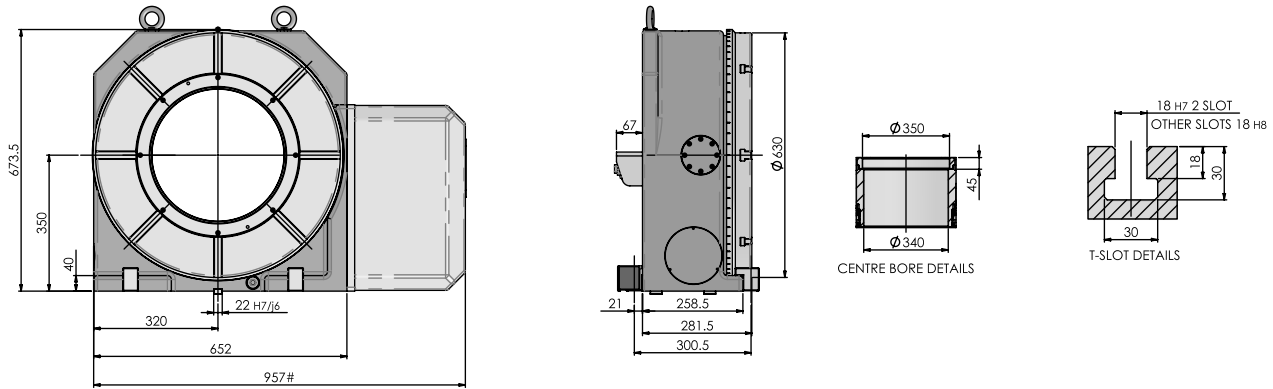
* Larger thru bore size available on request

Check motor models on Page No. 72

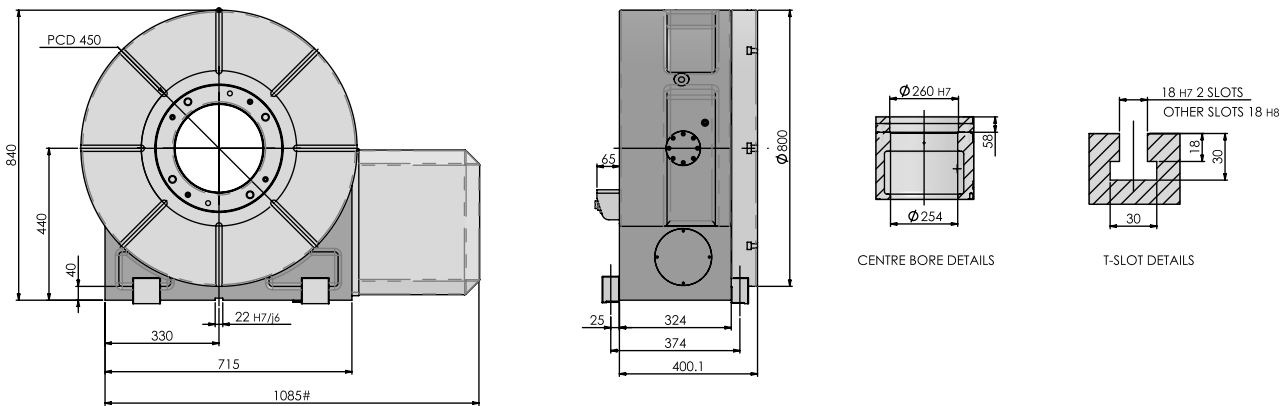
Option available with pressurisation - Please contact us



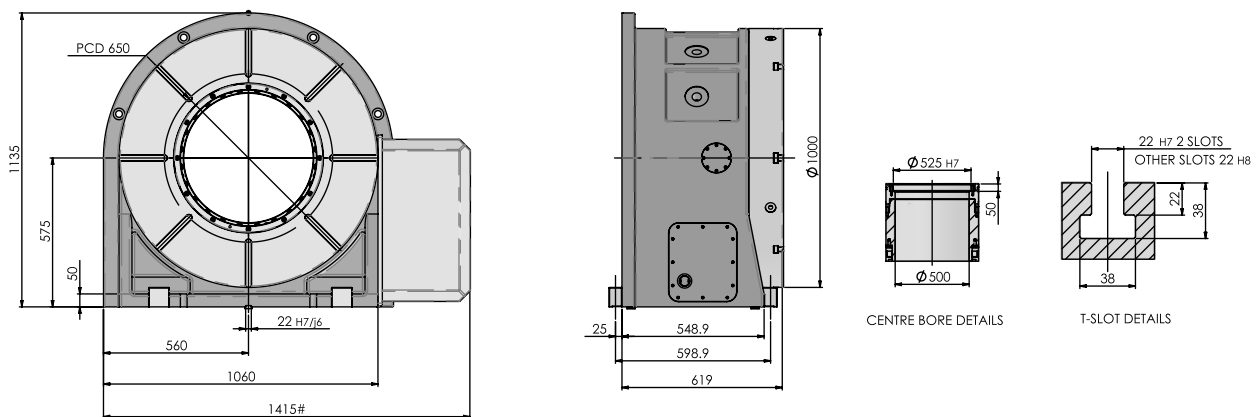
Model ULBR - 630



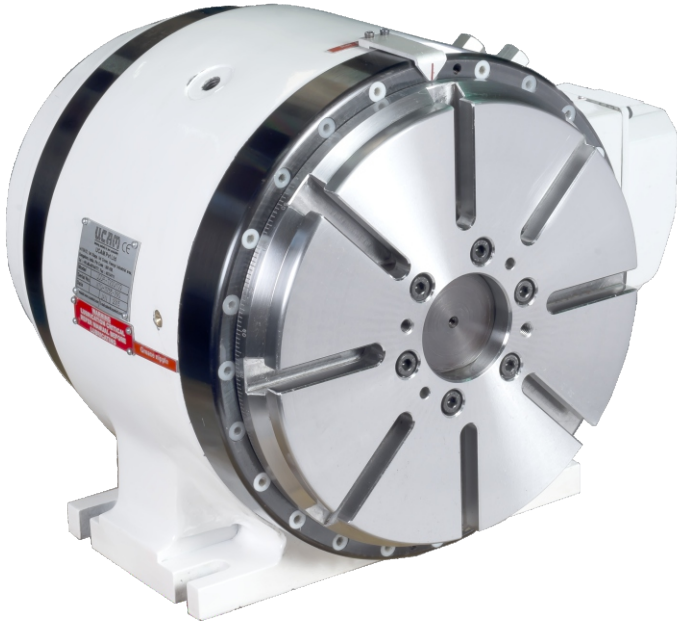
Model ULBR - 800



Model ULBR - 1000



DIRECT DRIVE ROTARY TABLE



Features:

- Dynamic Performance
- Higher Acceleration / Deceleration
- Higher RPM
- Zero Backlash
- Pre Loaded Axial Radial Roller Bearing
- Direct Measurement for Precision Positioning

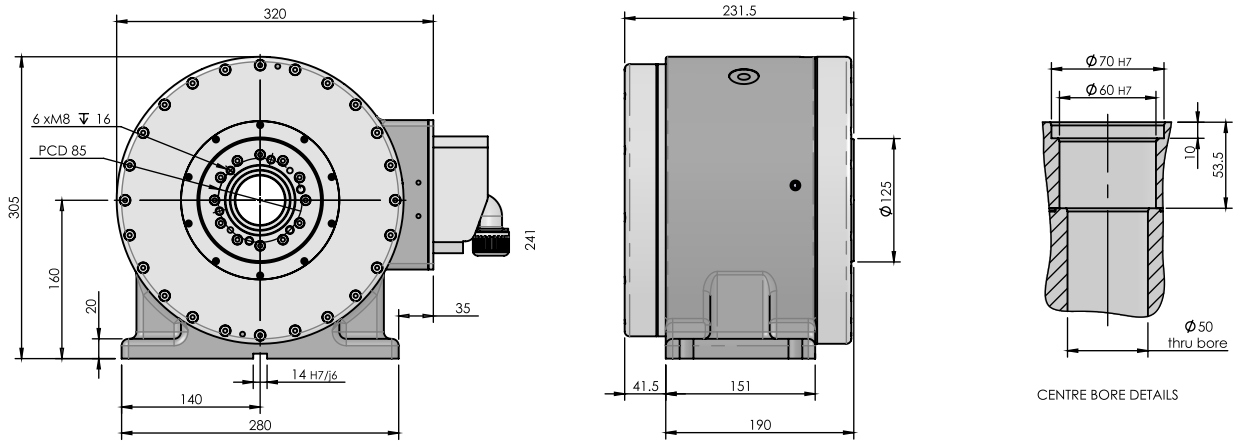
Specification

Model	VMC Application	
	UDDR-T 200/100	UDDR-T 200/ 100 With Table Top
Turn Table diameter (mm)	-	ø250
Table Center height (mm)	160	
Center Bore diameter (H7) (mm)	ø60	
Thru Bore diameter (H7) (mm)	ø50	
Tenon Slot size (H7) (mm)	14	
Table Gyration angle/pulse	0.001°	
Clamp Torque (Nm) (Pneumatic @5 bar)	650	
Table Rotation speed (rpm)	200	
Safe load on the Rotary table (max) (kg)	100	
Max.Thrust load (N)	4500	
Tilting moment - (FxL) (Nm)	650	
Indexing Accuracy (Arc Sec)	±10"	
Repeatability (Arc Sec)	4"	
NetWeight (kg) (approx)	90	

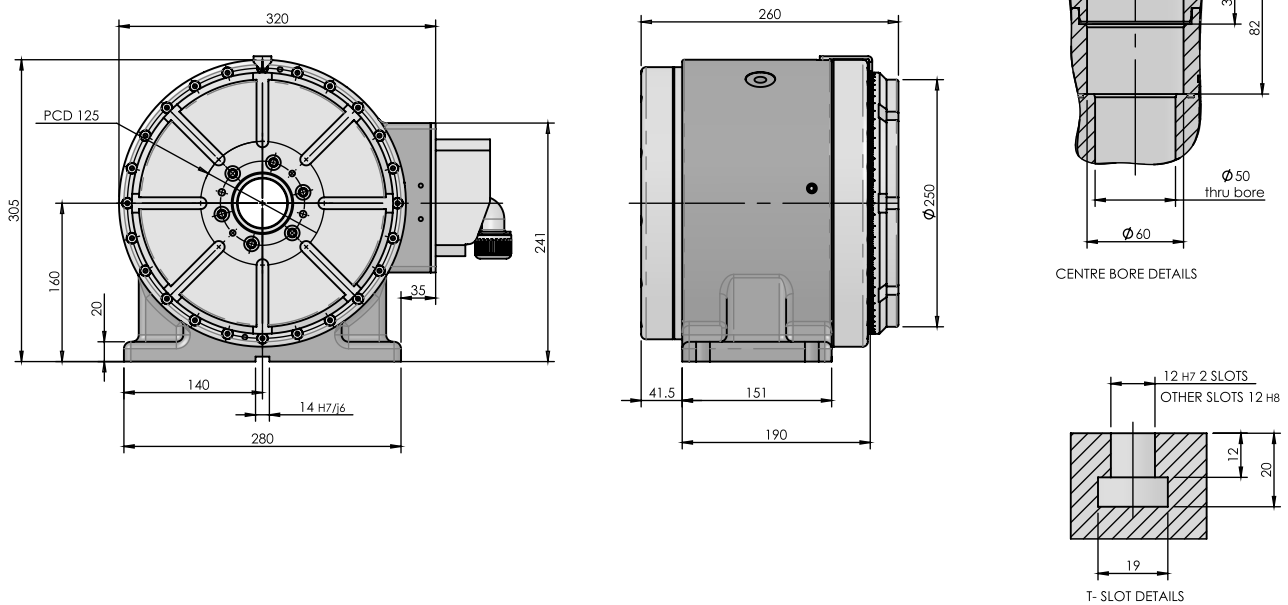
Contact us for application information



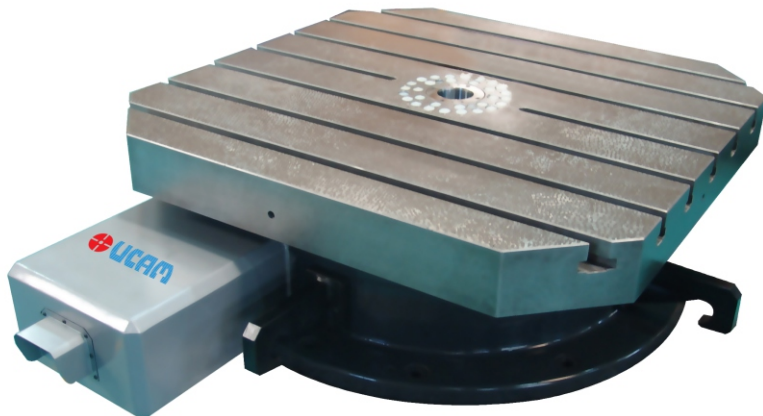
Model UDDR-T 200/100 (Without Table Top)



Model UDDR-T 200/100 (With Table Top)



CNC ROTARY TABLE FOR HORIZONTAL APPLICATION



Features:

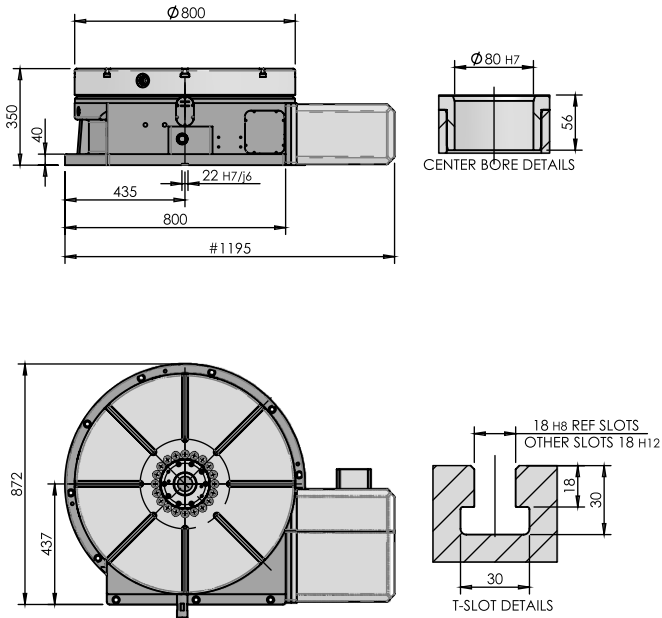
- Hydraulic Clamping
- High Grade C I Construction.
- Dual Lead Worm Gear Set.
- Horizontal mounting.

Specification					
Model		URH-800-RH	URH-SQ-800-RH	URL-1000-RH	URL-SQ-1000-RH
Dimensional data					
Turn Table size (mm)		ø800	SQ800	ø1000	SQ1000
Table height (mm)		350	355	350	365
Center Bore diameter (H7) (mm)		ø80	ø80	ø80	ø80
T - Slots size (mm)	- Reference slot width (H8)(mm)	18	18	18	18
	- Other slot width (H12)(mm)	18	18	18	18
Tenon Slot size (H7) (mm)		22	22	22	22
Operational data					
Servo motor torque (Nm)		16	16	16	16
Speed Reduction ratio		1:300	1:300	1:300	1:300
Table Gyration angle/pulse		0.001°	0.001°	0.001°	0.001°
Table rotation speed @ motor rpm 2000 (rpm)		6.66	6.66	6.66	6.66
Load and force data					
Load carrying capacity Horizontal @ concentric (Kg)		8100	8000	7850	7650
Thrust against table top (N)		75000	74000	72500	70500
Tilting moment Horizontal (FxL) (Nm)		26000	26000	26000	26000
Clamping torque-Hydraulic @ 60 Bar (Nm)		12000	12000	12000	12000
Driving torque (Nm)		7000	7000	7000	7000
Accuracies					
Indexing Accuracy*(Arc sec.)		±15"	±15"	±15"	±15"
Repeatability (Arc sec.)		4"	4"	4"	4"
Table top flatness (mm)		0.020	0.020	0.020	0.020
Table top runout (mm)		0.025	0.025	0.025	0.025
Parallelism of table top base (Horizontal position) (mm)		0.03	0.03	0.03	0.03
Center bore run out (mm)		0.01	0.01	0.01	0.01
Overall weight					
Net weight (Approx) (kg)		1100	1200	1350	1550

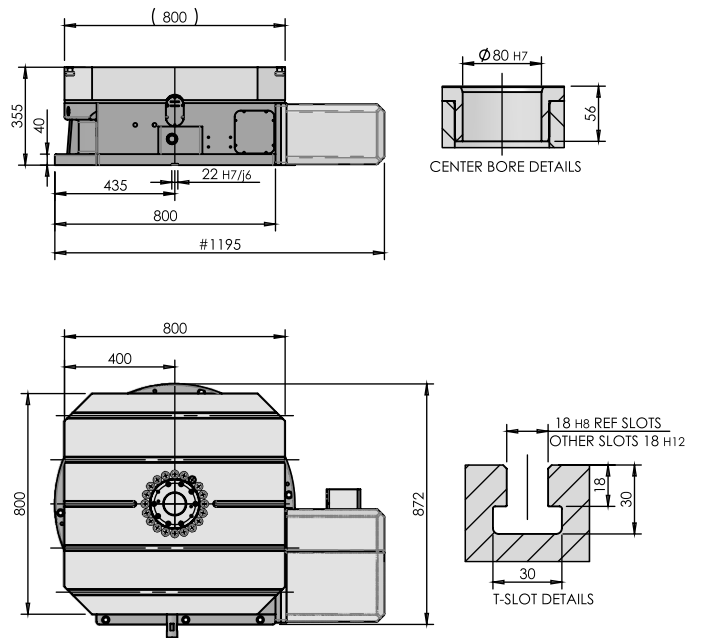
* Higher accuracy ± 5" on request



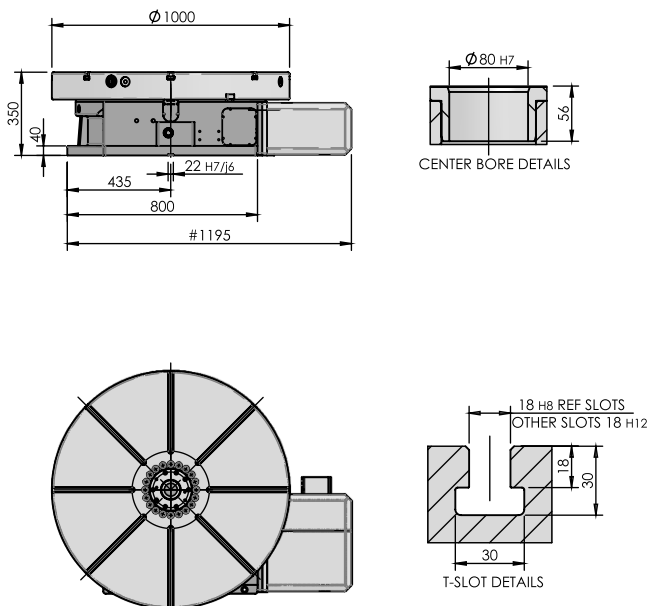
URH-800-RH



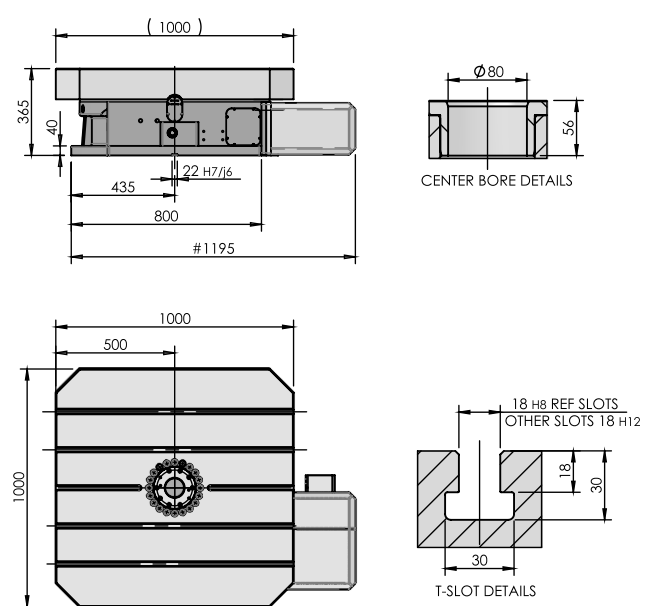
URH-SQ-800-RH



URL-1000-RH

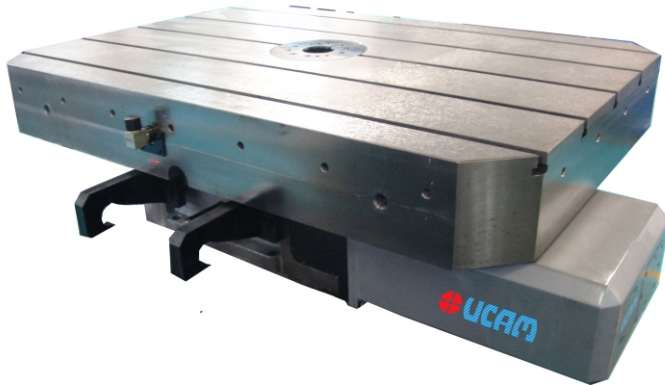


URL-SQ-1000-RH



Dimensions marked as # is dependent on motor being used

CNC ROTARY TABLE FOR HORIZONTAL APPLICATION



Features:

- Hydraulic Clamping
- High Grade C I Construction.
- Dual Lead Worm Gear Set.
- Horizontal mounting.

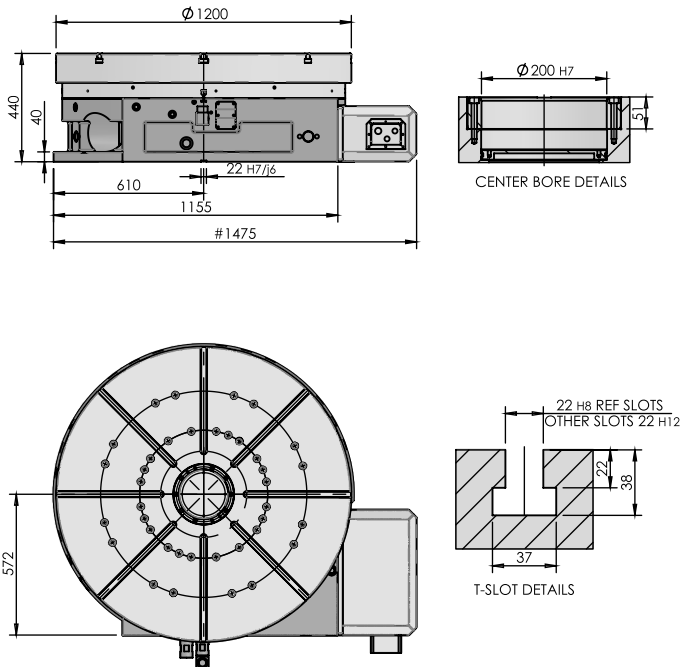
Specification

Model	URH-1200-RH	URH-SQ-1200-RH	URL-1600-RH	URL-SQ-1600-RH
Dimensional data				
Turn Table size (mm)	ø1200	SQ1200	ø1600	SQ1600
Table height (mm)	440	450	470	490
Center Bore diameter (H7) (mm)	ø80	ø80	ø80	ø80
T - Slots size (mm)	- Reference slot width (H8)(mm)	22	22	22
	- Other slot width (H12)(mm)	22	22	22
Tenon Slot size (H7) (mm)	22	22	22	22
Operational data				
Servo motor torque (Nm)	28	28	28	28
Speed Reduction ratio	1:360	1:360	1:360	1:360
Table Gyration angle/pulse	0.001°	0.001°	0.001°	0.001°
Table rotation speed @ motor rpm 2000 (rpm)	5.5	5.5	5.5	5.5
Load and force data				
Load carrying capacity Horizontal @ concentric (Kg)	12200	12000	11200	10800
Thrust against table top (N)	180000	178000	170000	166000
Tilting moment Horizontal (FxL) (Nm)	70000	70000	70000	70000
Clamping torque-Hydraulic @ 60 Bar (Nm)	25000	25000	25000	25000
Driving torque (Nm)	17000	17000	17000	17000
Accuracies				
Indexing Accuracy*(Arc sec.)	±15"	±15"	±15"	±15"
Repeatability (Arc sec.)	4"	4"	4"	4"
Table top flatness (mm)	0.025	0.025	0.025	0.025
Table top runout (mm)	0.03	0.03	0.03	0.03
Parallelism of table top base (Horizontal position) (mm)	0.04	0.04	0.04	0.04
Center bore run out (mm)	0.01	0.01	0.01	0.01
Overall weight				
Net weight (Approx) (kg)	2850	3100	3850	4250

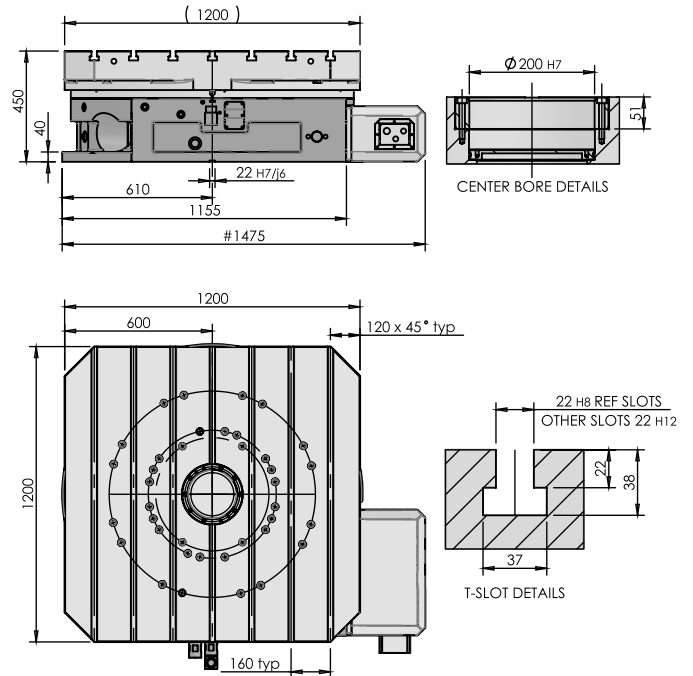
* Higher Accuracy ± 5" on request



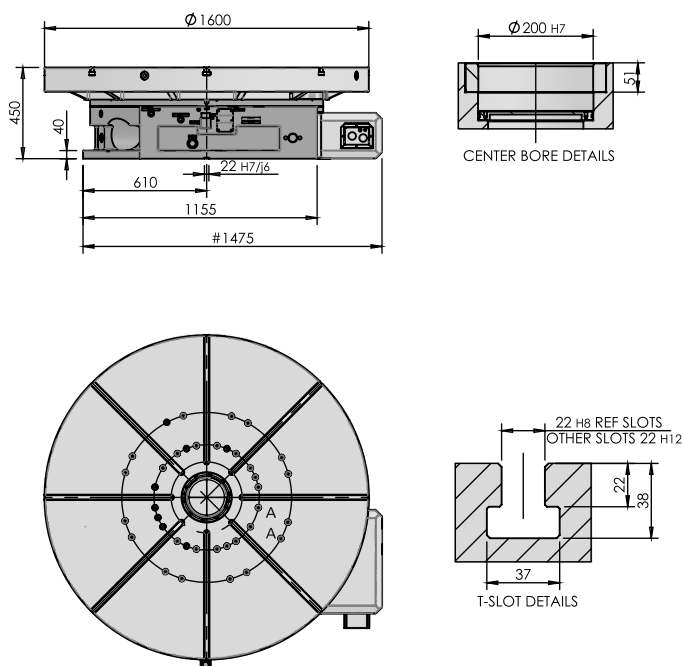
URH-1200-RH



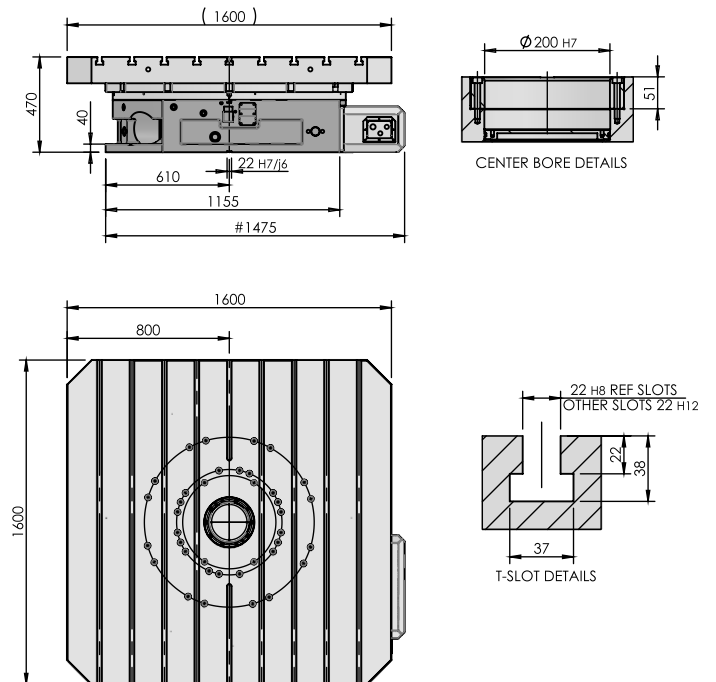
URH-SQ-1200-RH



URL-1600-RH

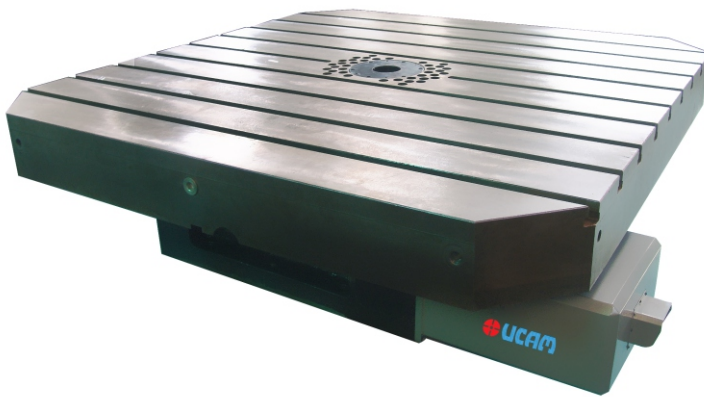


URL-SQ-1600-RH



Dimensions marked as # is dependent on motor being used

CNC ROTARY TABLE FOR HORIZONTAL APPLICATION



Features:

- Hydraulic Clamping
- High Grade C I Construction.
- Dual Lead Worm Gear Set.
- Horizontal mounting.

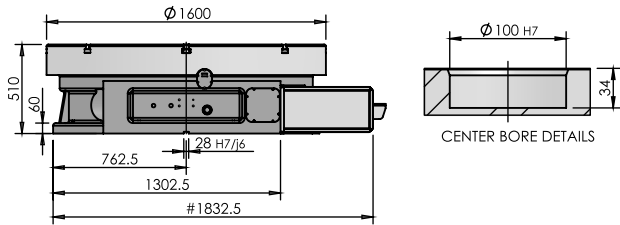
Specification

Model	URH-1600-RH	URH-SQ-1600-RH	URL-2000-RH	URL-SQ-2000-RH
Dimensional data				
Turn Table size (mm)	ø1600	SQ1600	ø2000	SQ2000
Table height (mm)	510	525	520	550
Center Bore diameter (H7) (mm)	ø100	ø100	ø100	ø100
T - Slots size (mm)	- Reference slot width (H8)(mm)	28	28	28
	- Other slot width (H12)(mm)	28	28	28
Tenon Slot size (H7) (mm)	28	28	28	28
Operational data				
Servo motor torque (Nm)	35	35	35	35
Speed Reduction ratio	1:600	1:600	1:600	1:600
Table Gyration angle/pulse	0.001°	0.001°	0.001°	0.001°
Table rotation speed @ motor rpm 2000 (rpm)	3.33	3.33	3.33	3.33
Load and force data				
Load carrying capacity Horizontal @ concentric (Kg)	18700	18000	17300	16000
Thrust against table top (N)	250000	243000	236000	223000
Tilting moment Horizontal (FxL) (Nm)	100000	100000	100000	100000
Clamping torque-Hydraulic @ 60 Bar (Nm)	32000	32000	32000	32000
Driving torque (Nm)	28000	28000	28000	28000
Accuracies				
Indexing Accuracy*(Arc sec.)	±15"	±15"	±15"	±15"
Repeatability (Arc sec.)	4"	4"	4"	4"
Table top flatness (mm)	0.025	0.025	0.025	0.025
Table top runout (mm)	0.03	0.03	0.03	0.03
Parallelism of table top base (Horizontal position) (mm)	0.04	0.04	0.04	0.04
Center bore run out (mm)	0.015	0.015	0.015	0.015
Overall weight				
Net weight (Approx) (kg)	4800	5500	6200	7500

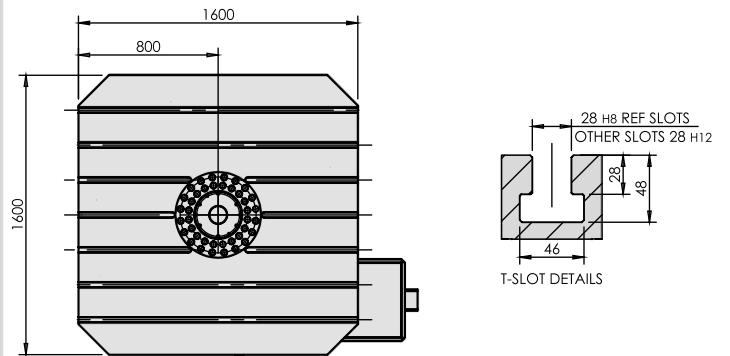
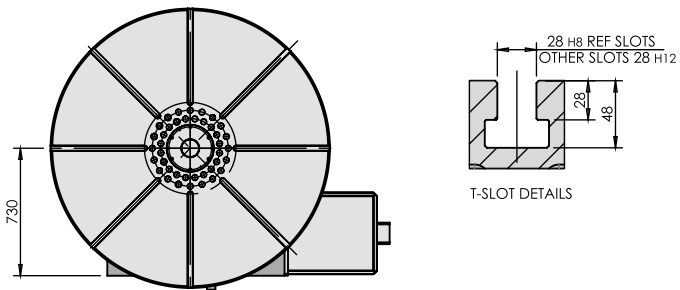
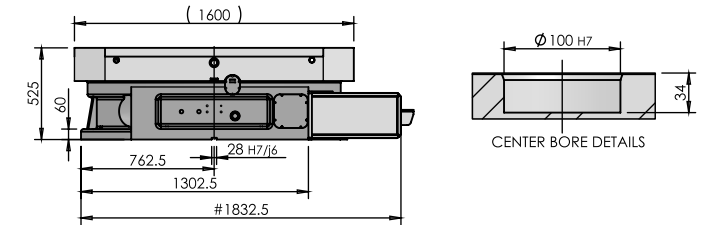
* Higher Accuracy ± 5" on request



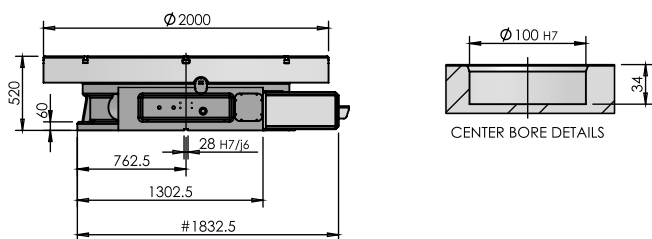
URH-1600-RH



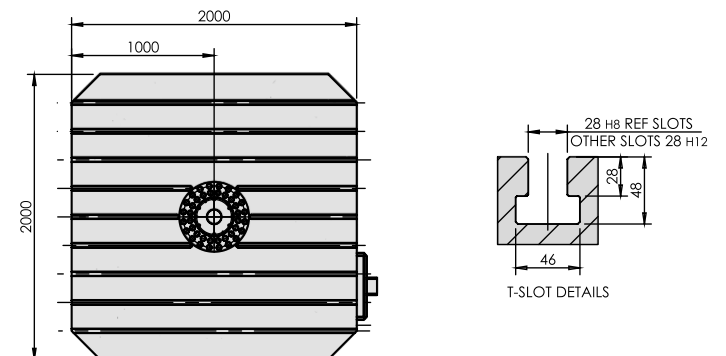
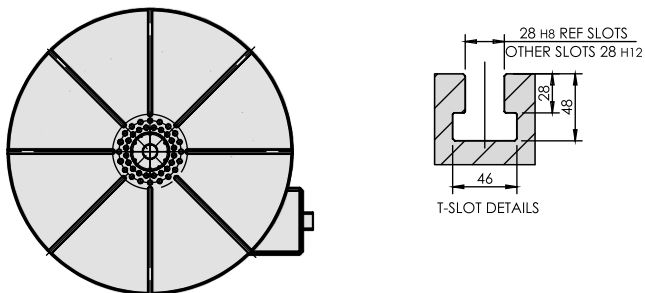
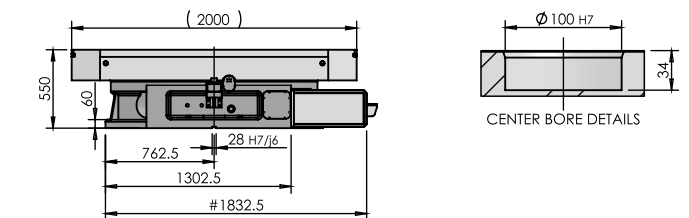
URH-SQ-1600-RH



URL-2000-RH



URL-SQ-2000-RH



Dimensions marked as # is dependent on motor being used

LARGE SIZE ROTARY TABLE WITH LINEAR AXIS



Unique Features:

- Hydrostatic Bearing Technology
- Double pinion drive with electronic backlash compensation
- Indexing Accuracy $\pm 5''$
- Linear Axis stroke of 2500 mm with positioning accuracy of $\pm 3\mu\text{m}$

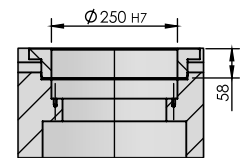
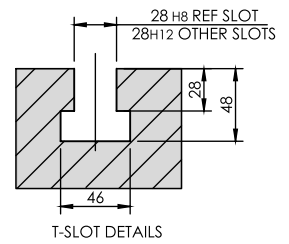
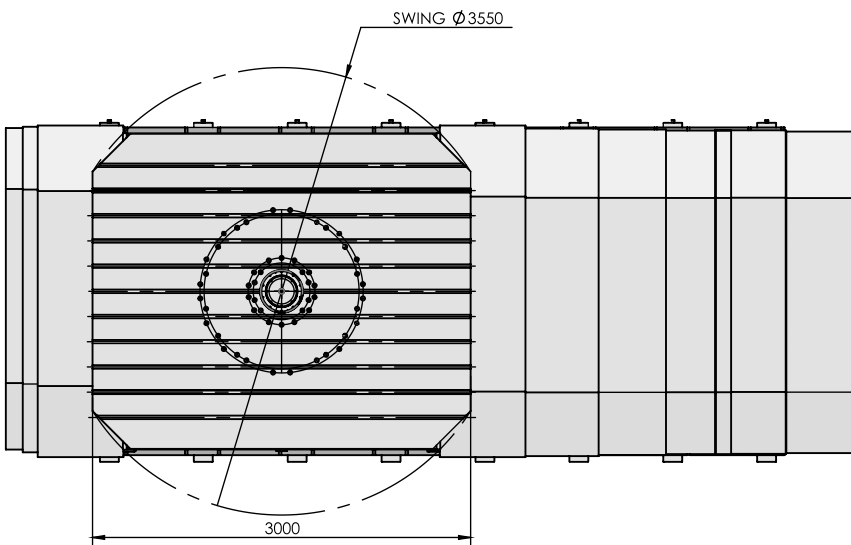
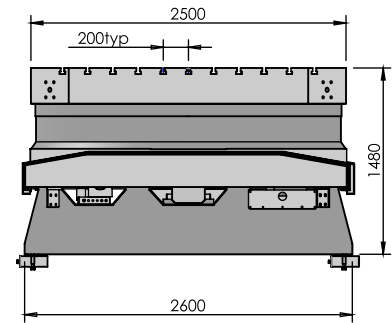
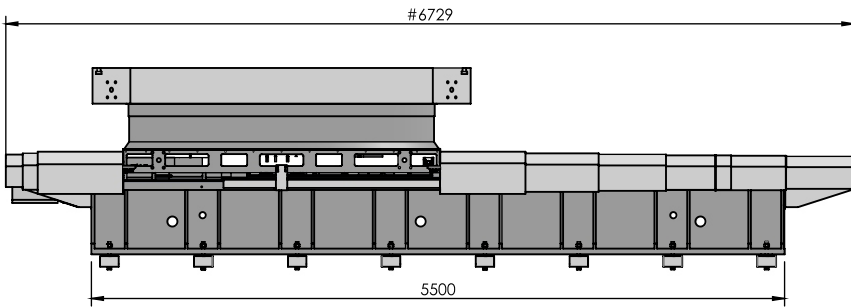
Specification

Model	URH-2500X(sp)	
Dimensional data		
Turn Table size (mm)	3000x2500 [#]	
Table height (mm)	1480	
Center Bore diameter (mm)	$\phi 250\text{H}7$	
T - Slots size	- Refs slots (mm)	28H8
	- Other slots (mm)	28H12
Stroke in linear axis (mm)	2500	
Table gyration angle / pulse	0.001°	
Table rotation speed @motor rpm 2000 (rpm)	4.54	
Speed reduction ratio	1:440	
Safe load capacity (concentric) (kg)	40,000	
Axial load (N)	1,50,000	
Tilting moment-Horizontal (FxL) (Nm)	1,20,000	
Clamp torque-hydraulic@30 bar (Nm)	70,000	
Driving torque (peak) (Nm)	80,000	
Accuracy		
Indexing Accuracy (Arc sec)	$\pm 5''$	
Repeatability (Arc sec)	4''	
Table top flatness (mm/m)	0.025	
Bed flatness (mm/m)	0.02/ Meter	
Centre bore run out (mm)	0.02	
Table top run out (mm/m)	0.04	
Accuracy linear axis (mm/m)	± 0.003	
Net weight (approx) (kg)	36,000	

Other sizes available on request



URH-2500X(sp)





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