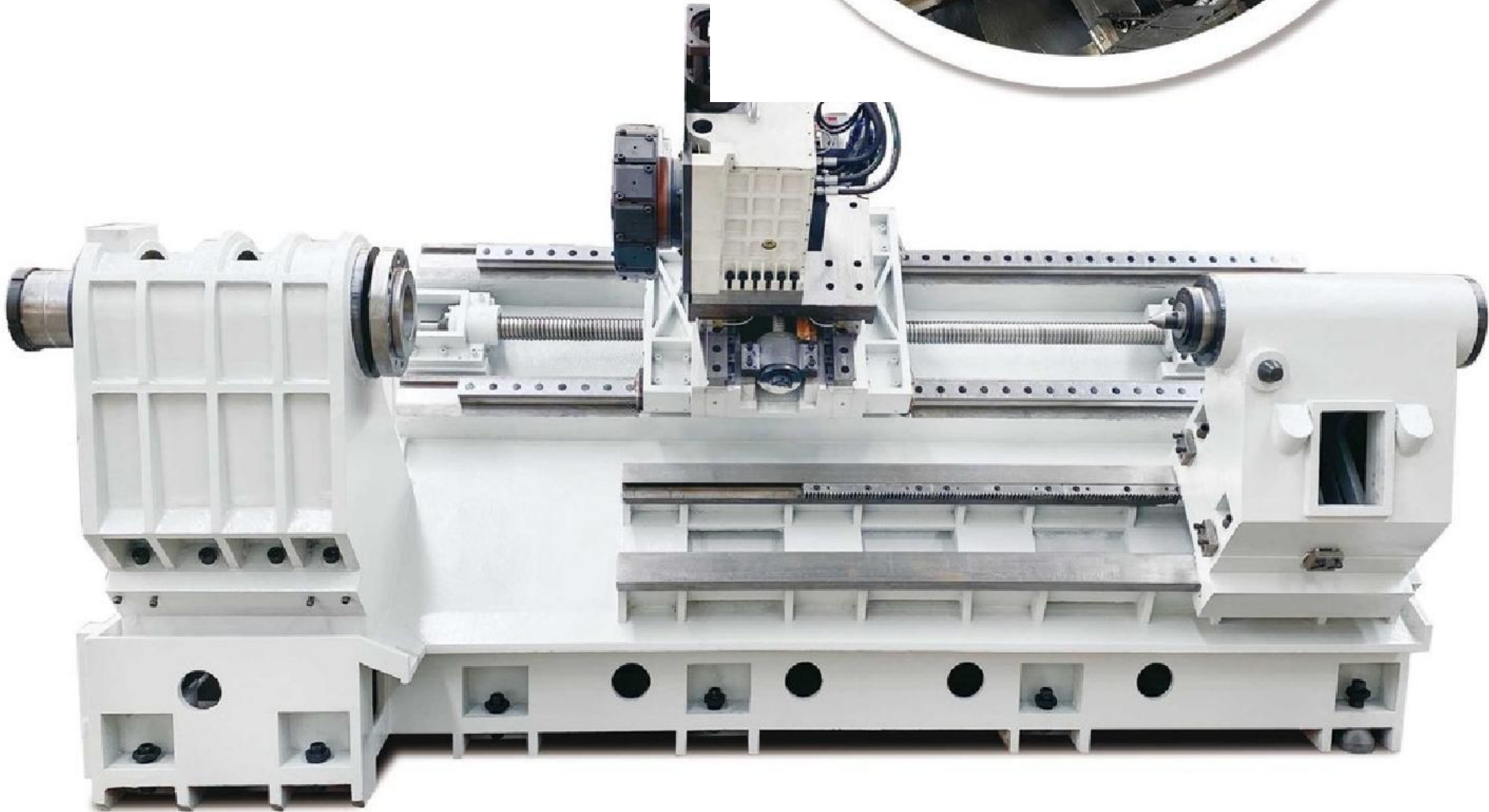


TCK- 1000/700

INCLINED BED HEAVY TURNING CENTER

Features of inclined bed lathe

- Roller linear guide
- C3 ball screw
- Imported precision bearing
- Servo hydraulic turret
- Optional power turret
- Tool setting instrument is optional



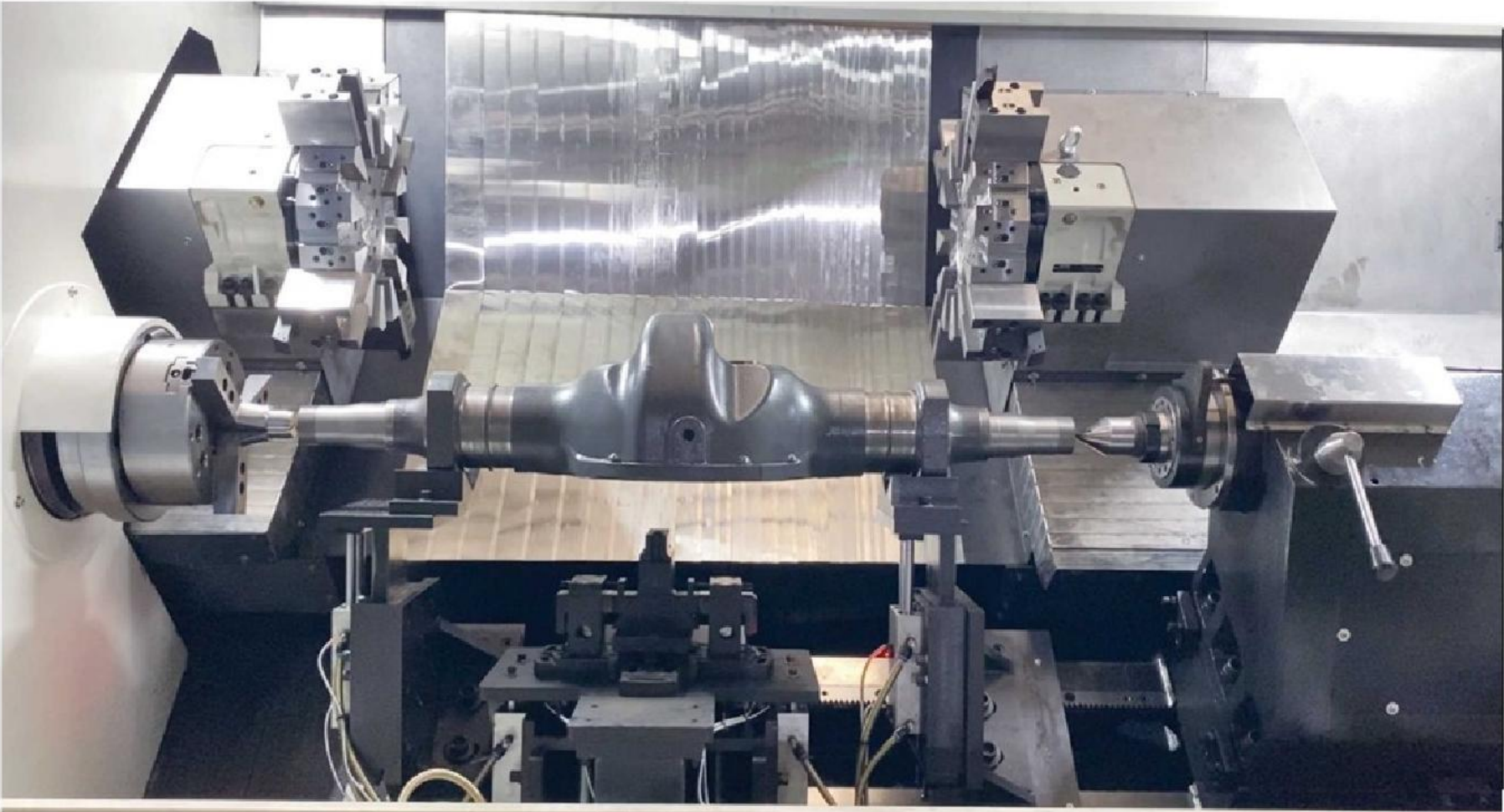
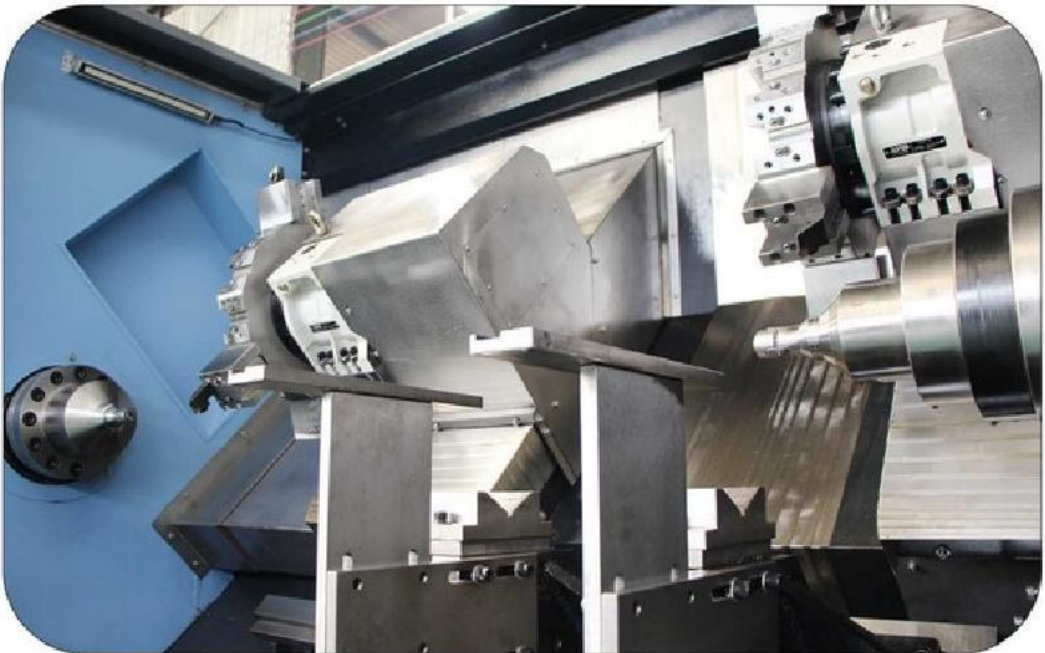
Swing over bed	mm	φ1100	φ780
Swing over slide	mm	φ750	φ500
Max processing length	mm	1000/1500/2000/3000/4000/5000	
Spindle head form	mm	A2-11	A2-11/8
Spindle motor power	kw	30 - 37 (Servo)	22 - 30 (Servo)
Max spindle speed	r/min	2000	2500
Through hole diameter of spindle	mm	φ130	φ 88/105/130
Tilt angle	deg	45°	45°
X-axis travel	mm	500	350
Fast moving speed X/Z	m/min	16/24	16/24
Servo motor torque X/Z	n.m	22/22 (30)	22/22
Turret form	—	12-station turret	
Tool size (turning /boring)	mm	32×32/ φ50	32×32/ φ40
Chuck size	inch	15″/18″/21″	10″/12″/15″/18″
Repeat positioning accuracy	mm	±0.004	±0.004
Tailstock sleeve diameter /travel	mm	φ180/200	φ150/150
Sleeve taper	MT	6	5/6
Dimensions	m	4.7/5.9/6.6×2.1×2.2	4.6/5.8/6.5×2.2×2.3
Machine weight (approx)	t	9/11/13/16	7.5/9/10.5/12

TCK-700S

SLANT BED AND LINEAR GUIDE WAY CNC LATHE

Ftures ofinclined bed lathe

- Double turrets simultaneously double the machining efficiency
- Equipped with automatic brackets to assist loading and unloading
- Can be connected to automated production lines
- Eccentric tooling automatic counterweight
- It is suitable for all kinds of vehicle axle processing



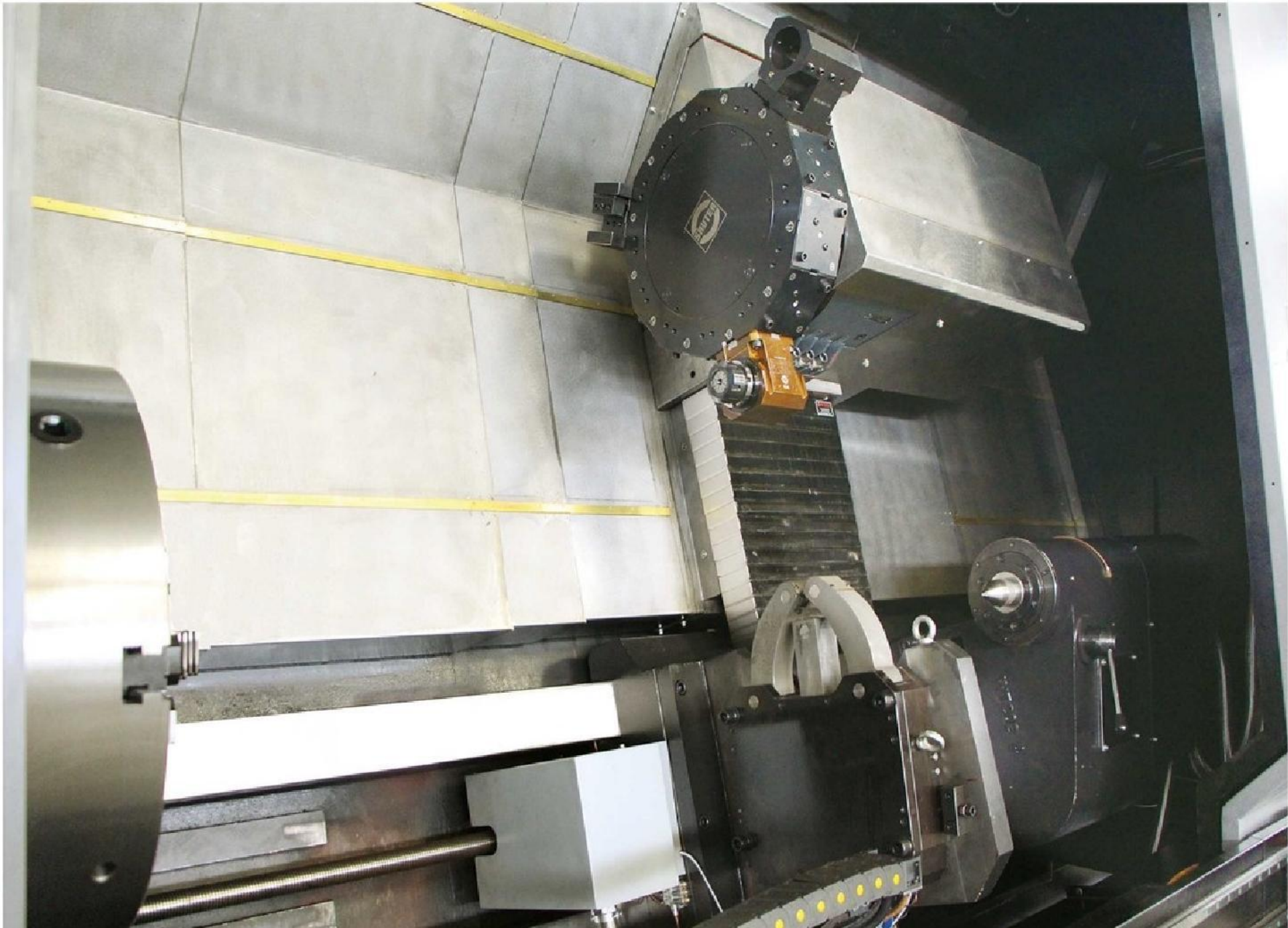
Swing over bed	mm	φ 780
Swing over slide	mm	φ 500
Max machining length	mm	2500
Spindle head form	—	A2-8/A2-11
Spindle motor power	kw	22
Max spindle speed	rpm	2000
Diameter of spindle through hole	mm	φ 88/105
Tilt angle	deg	45°
Clamping system		Hydraulic chuck
Turret form	→	12-station turret
X-axis travel	mm	350
Z-axis travel	mm	800+1500
XIZ axis motor torque	N. m	22/22
Specification of X/Z screw	—	5008/6312
Repeat positioning accuracy	mm	±0. 004
Tool size(turning/boring)	inch	25″/32″
Tailstock sleeve diameter /travel	mm	2200
Sleeve taper	mt	6
Dimensions	m	6. 5×2. 3×2. 55
Machine weight(approx)	t	11

TCK-1100

HEAVY-DUTY CYLINDER/PIPE THREAD TURNING CENTERS

Features of inclined bed lathe

- The 75°heavy-duty bed is suitable for large diameter products
- A variety of spindle diameters are available for a wide range of applications ·Optional powered turret
- A variety of hydraulic center frames are available ·Optional servo-controlled counterspindle
- Optional dual chuck



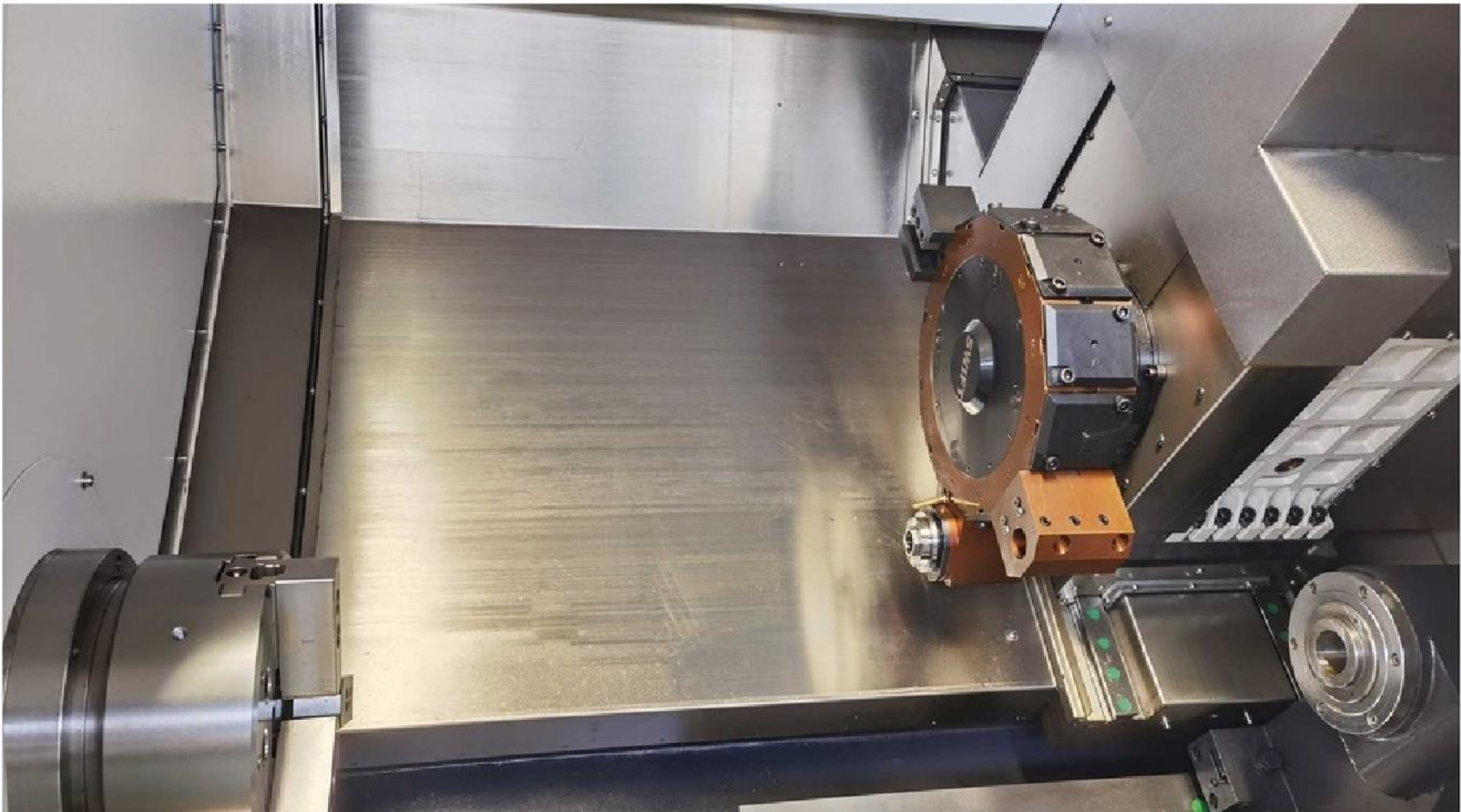
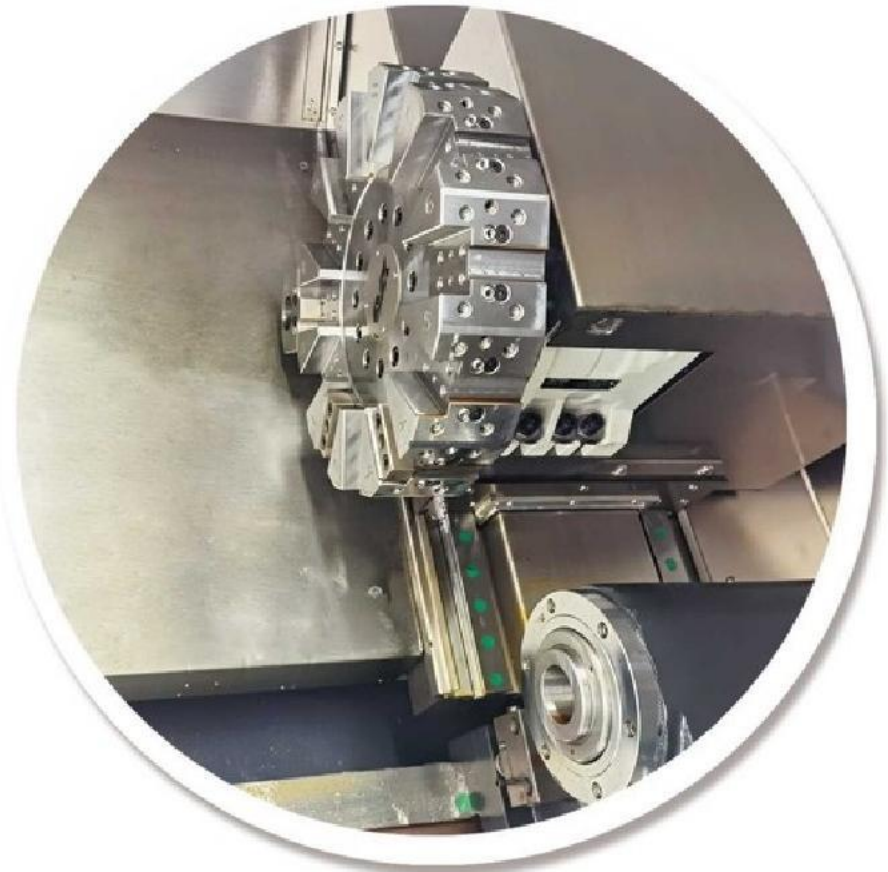
Swing over bed	mm	φ 1100
Swing over slide	mm	φ 600/650
Max processing length	mm	1000/1500/2000/3000/4000/5000
Spindle head form	mm	Λ2-15
Spindle motor power	kw	3 0 - 3 7 (Servo)
Max spindle speed	r/min	500
Through hole diameter of spindle	mm	φ 180/225/290
Tilt angle	deg	75°
X-axis travel	mm	500
Fast moving speed X/Z	m/min	16/24
Servo motor torqueX/Z	n.m	30/30
Turret form	—	12-station turret
Tool size (turning/boring)	mm	32×32/ φ 50
Chuck size	inch	15"/18"/21"Double chuck
Repeat positioning accuracy	mm	±0.004
Tailstock sleeve diameter /travel	mm	φ 180/200
Sleeve taper	mt	6
Dimensions	m	5. 5/6/6. 5/7. 5×2. 4×2. 8
Machine weight (approx.)	t	20/25/30/35

TCK-600/550

SLANT BED AND LINEAR GUIDE WAY CNC LATHE

Features of inclined bed lathe

- Roller linear guide
- C3 ball screw
- Imported precision bearing
- Servo hydraulic turret
- Optional power turret
- Tool setting instrument is optional



Swing over bed	mm	φ630	φ550
Swing over slide	mm	φ400	φ320
Max machining length	mm	600/900	600/900
Spindle head form	—	A2-8/A2-11	A2-8
Spindle motor power	kw	11-15 (Servo)	11-15 (Servo)
Max spindle speed	rpm	2500/2000	2500
Diameter of spindle through hole	mm	φ90/105	φ90
Inner diameter of pull through hole	mm	φ75/90	φ75
Turret form	—	12-station turret	12-station turret
Hydraulic chuck	inch	12"/10"	10"
X-axis travel	mm	315	300
Z-axis travel	mm	750/1000	750/1000
X/Z axis motor torque	n.m	15/15	10/10
Specification ofX/Z screw	—	4010/4010	4010/4010
Repeat positioning accuracy	mm	±0.004	±0.004
Tool size	mm	25×25/40	25×25/40
Tailstock sleeve diameter /travel	mm	φ100/120	φ100/120
Sleeve taper	MT	5	5
Dimensions	m	2.8/3.3×1.8×2.3	2.8/3.3x1.7x2.2
Machine weight (about)	t	5.5/6.5	5/6

TCK-50L/52/65

SLANT BED AND LINEAR GUIDE WAY CNC LATHE

Features of inclined bed lathe

- Roller linear guide
- C3 ball screw
- Imported precision bearing
- Servo hydraulic turret
- Optional power turret
- Tool setting instrument is optional

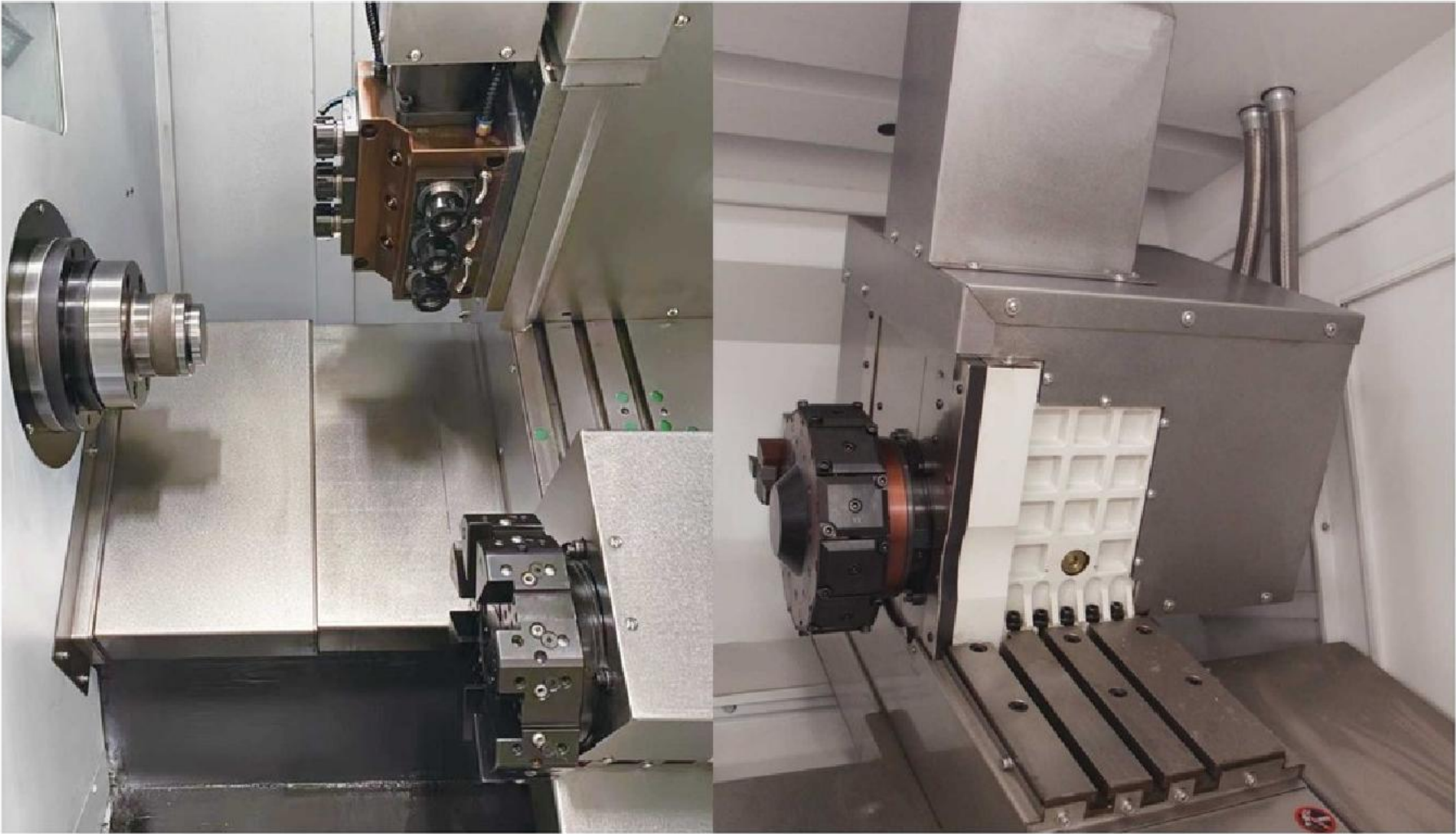


Effective turning length	mm	450	520/750/1000	600
Spindle head form	—	A2-6	A2-6/8	A2-6/8
Spindle motor power	kw	11-15	11-15	11-15
Max spindle speed	rpm	4200	4200/3500	3500/2500
Diameter of spindle through hole	mm	Φ66/79	Φ66/79/87	Φ79/87/105
Bar capacity	mm	Φ52/65	Φ52/65/75	Φ65/90
Hydraulic chuck	inch	8″/10″	8″/10″	10″/12″
Turret form	—		12-station turret	
X-axis travel	mm	210	270	250
Z-axis travel	mm	500	610/830/1070	650
X/Z axis motor torque	n. m	10/10	10/10	10/10
Specification of X/Z lead screw	—	3210/4010	3210/4010	3210/4010
Repeat positioning accuracy	mm	±0.004	±0.004	±0.004
Tool size	mm	25×25/32	25×25/32	25×25/32
Tailstock sleeve diameter /travel	mm		Φ80/80	Φ80/80
Taper hole in sleeve	MT	5	5	5
Dimensions	m	2.65x1.75x1.75	2.9x1.8x1.75	3.0×1.85×1.7
Machine weight (approx)	t	3.5	4/4.5/5	4.2

TCK-40/46/50

SLANT BED AND LINEAR GUIDE WAY CNC LATHE

- Features of inclined bed lathe
- Roller linear guide
 - C3 ball screw
 - Imported precision bearing
 - Optional combined power milling head
 - Optional multi station turret
 - Optional power turret y-axis



Swing over bed	mm	φ 400	φ 460	φ 510
Swing over slide		φ 120	φ 180	φ 180
Spindle head form	—	A2-5	A2-6	A2-6
Spindle motor power	kw	5.5-7.5	7.5-11	7.5-11
Maximum spindle speed	rpm	4500	4200	4200/3500
Diameter of spindle throughh hole	mm	φ 49	φ 66	φ 66/79
Bar capacity	mm	φ 41	φ 52	φ 52/65
Hydraulic chuck	inch	6"	8"	8"/10"
X-axis travel	mm	780	900	1100
Z-axis travel	mm	400	400	550
×/Z axis motor torque	n. m	6/6	8/8	10/10
X/Z axis moving speed	m/min	24/24	24/24	24/24
X/Z rail width	mm	25/30	30/30	35/35
Repeat positioning accuracy	mm	±0.004	±0.004	±0.003
Turret form	—	12-station turret		
Tool size	mm	20×20	20×20	20×20
Dimensions		1.92x1.55x1.7	2.3x1.6x1.8	2.3x1.6x1.8
Machine weight(approx.)		1.7	2.5	2.8