



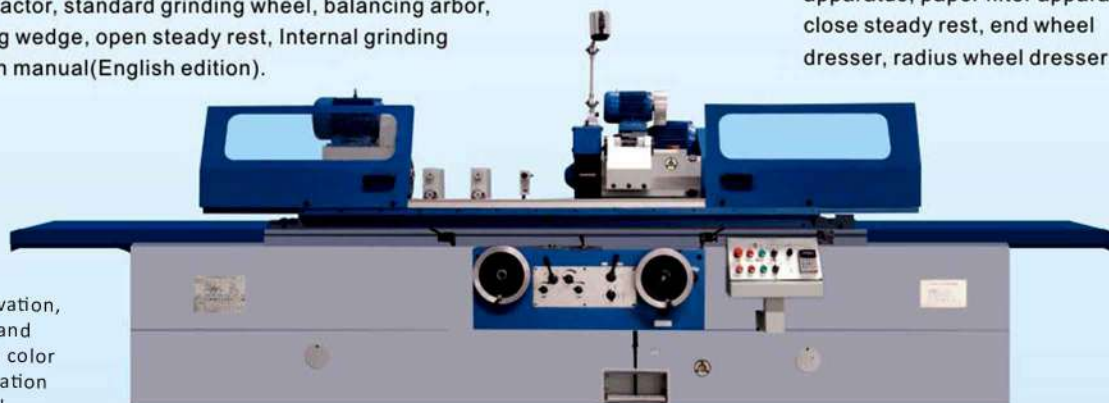
UNIVERSAL CYLINDRICAL GRINDING MACHINE

Standard:

Coolant tank, wheel periphery dresser base (without diamond pen), flange and wheel extractor, standard grinding wheel, balancing arbor, working lamp, leveling wedge, open steady rest, Internal grinding attachment, operation manual(English edition).

Optional :

Balance stand, magnetic separator apparatus, paper filter apparatus, close steady rest, end wheel dresser, radius wheel dresser



Note :

Due to keeping innovation, the specification and Machine pictures or color are subject to alteration without notice!

Specification	Unit	UG-200	UG-320	UG-500(UG-500A)	UG-630
*General capacity					
Distance between centers	mm	500, 750	1000, 1500, 2000, 3000	1500, 2000, 3000, 4000	2000, 3000, 4000, 5000
Center height	mm	135	180	270	370
Dia. Ground (O.D)	mm	5-200	8-320	25-500	30-630
Dia. Ground (I.D)	mm	25-100	30-100	30-200	30-250
Max. length ground (O.D)	mm	500, 750	1000, 1500, 2000, 3000	1500, 2000, 3000, 4000	2000, 3000, 4000, 5000
Max. length ground (I.D)	mm	125	125	320	320
Max. weight of workpiece	kg	100	150	1000(2000)	3000
* Workhead					
Swiveling angle	°	+ 90°	+ 90°	+ 90°	+ 90°
Center taper (MT)	MT	4	4	6	6
Spindle speed	r/min	50HZ:25-380 Stepless	50HZ:25-220 Stepless	50HZ:20-224 Stepless	50HZ:14-140 Stepless
* Wheelhead					
Wheel spindle speed	r/min	1670	1670	1330/665	1100/550
Wheelhead rapid travel	mm	50	50	100	100
Max. travel	mm	205	246	370	450
Swiveling angle	°	± 10°	± 30°	± 30°	± 30°
Hand feed per.rev	mm	rough:2, fine:0.5	rough:2, fine:0.5	rough:4, fine:0.5	rough:4, fine:0.5
Hand feed per.gra	mm	rough:0.01, fine:0.0025	rough:0.01, fine:0.0025	rough:0.02, fine:0.0025	rough:0.02, fine:0.0025
Wheel size (ODXWXID)	mm	400x50x203	400x50x203	500x75x305	600x75x305
Peripheral velocity	m/s	35	35	35/17.5	35/17.5
* Internal grinding device					
Spindle speed	r/min	10000/15000	10000/15000	10000	10000
Dimension of wheel	mm	max:50x25x13, min:17x20x6	max:50x25x13, min:17x20x6	max:175x32x32, min:30x25x10	max:175x32x32, min:30x25x10
* Table					
Hand feed per.rev	mm	6	6	5	5
Max.swiveling angle of table	Clockwise	°	3°	3° (1000, 1500), 2° (2000, 3000)	2° (2000), 1° (3000, 4000, 5000)
	Anticlockwise	°	9° (500), 8° (750)	7° (1000), 6° (1500), 5° (2000), 3° (3000)	6° (1500), 5° (2000), 3° (3000), 2° (4000), 4° (2000), 3° (3000), 2.5° (4000), 1.5° (5000)
Longitudinal speed range of table	m/min	0.1-4	0.1-4	0.1-3	0.1-2.5
* Tailstock					
Center taper (MT)	MT	4	4	6	metric 80#
Quill travel	mm	30	30	70	70
* Motor					
Wheelhead motor power	kw	4	5.5	5/7.5	7/11
Internal grinding motor power	kw	1.1	1.1	1.5	1.5
Workhead motor power	kw	1.1	1.5	4(7.5)	15
* Machine					
Gross weight	T	4.1 (500), 4.3 (750)	53(1000), 61(1500), 79(2000), 99(3000)	11(1500), 12(2000), 15(3000), 17(4000)	20(2000), 22(3000), 24(4000), 26(5000)
Packing dimension (LXWXH)	cm		322x200x205 (1000)	510x228x210 (1500)	695x242x226(2000)
			235x203x205 (500)	422x200x205 (1500)	585x228x210 (2000)
			275x203x205 (750)	540x200x205 (2000)	785x228x210 (3000)
			739x200x205 (3000)	1000x228x210(4000)	1100x242x226(4000)
					Divided packing length 1250(5000)