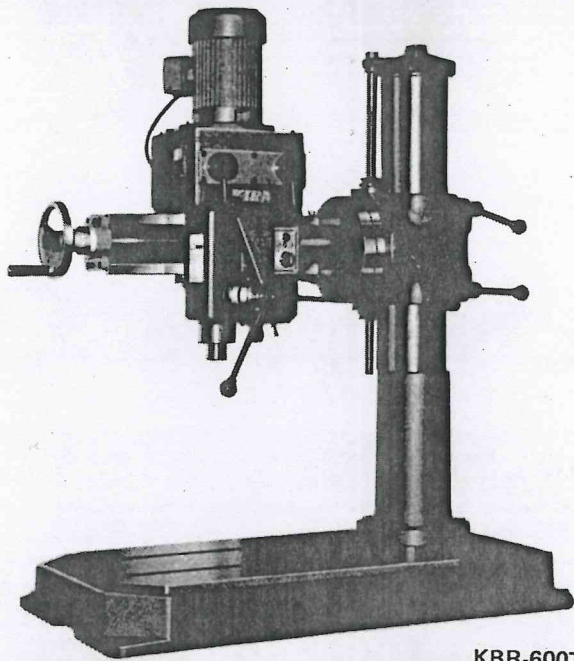


KIRA KBR-600T BENCH RADIAL DRILLING & TAPPING MACHINE



KBR-600T

FEATURES

Model KBR-600T – Tapping Mechanism

- * KBR-600T machine is designed to be capable of obtaining as many tapping works.
- * With 0.75kw (1HP) 4p main drive motor and Morse Taper No. 3 of spindle, heavy duty drilling and tapping available.
- * All gears in this machine are carburized and hardened carefully, guarantees high precision. And the number of spindle speed changes is 4 steps.
- * A base-table of the machine is available as a special accessory.

SPECIFICATIONS

		mm (inch)	
Drilling capacity	Steel 20mm ($\frac{3}{4}$ ")	KBR-600T	
	Casting 25mm (1")	Drilling 120mm ($4\frac{3}{4}$ ")	
Tapping capacity	Steel 16mm ($\frac{5}{8}$ ")	Tapping 115mm ($4\frac{1}{2}$ ")	
	Casting 20mm ($\frac{3}{4}$ ")		
Max. distance spindle to column	625mm ($24\frac{3}{4}$ ")	Spindle speed	50 Hz 130, 260, 500, 930 rpm
Min. distance spindle to column	355mm (14")		60 Hz 160, 315, 600, 1120 rpm
Max. distance spindle to flange of column	605mm ($23\frac{3}{4}$ ")	Diameter of column 150mm ($5\frac{7}{8}$ ")	
Max. distance spindle nose to base	645mm ($25\frac{3}{8}$ ")	Overall height 1500mm (59")	
Min. distance spindle nose to base	261mm ($10\frac{1}{4}$ ")	Drive motor 0.75KW (1HP) 4P	
Taper of spindle nose	M.T. No. 3	Size of box table 250 x 250 x 250mm (10 x 10 x 10")	
		Net weight (Approx.) 420kg (930 lbs.)	

PARTS LIST (Part No./Name) KBR-600T

1. Bed	50. Flange	238. Stop Ring	287. Handle
2. Bolt	51. Socket Bolt	239. Oil Seal Case	288. Spring Pin
3. Column	52. Dial	240. O-Ring	289. Steel Ball
4. Box Table	53. Bolt	241. Oil Seal	290. Coil Spring
5. Arm Bracket	54. Collar	242. Ball Bearing	291. Set Screw
6. Bolt	55. Key	243. Collar	292. Shifter Fork
7. Clamp Nut	56. Handle Wheel	244. Spindle Sleeve	293. Shifter
8. Handle	57. Washer	245. 32T Gear	294. Stop Ring
9. Socket Bolt	58. Nut	246. 52T Gear	295. Spring Pin
10. Bolt	59. Nut	247. Stop Ring	296. Shifter Fork
11. Set Screw	60. Gripe	248. Ball Bearing	297. Shifter
12. Elevating Screw	61. Pin	249. Cover	298. Stop Ring
13. Spring Washer	201. Head	250. O-Ring	299. Spring Pin
14. Nut	202. Supporter	251. Head Cover	300. Switch Dog
15. Bracket	203. Socket Bolt	252. Nut	301. Machine Screw
16. Bearing Case	204. Clamp Piece	253. Washer	302. Clamp Piece
17. Socket Bolt	205. Clamp Bolt	254. Motor Pinion	303. Clamp Bolt
18. Shaft	206. Gib	255. Motor	304. Micro Switch
19. Ball Bearing	207. Machine Screw	256. Key	305. Micro Switch
20. Ball Bearing	208. Cushion Ring	257. Socket Bolt	Base
21. Washer	209. Nut	258. Washer	306. Nut
22. Nut	210. Washer	259. Bolt	307. Machine Screw
23. Washer	211. Ball Bearing	260. Ball Bearing	308. Micro Switch
24. Nut	212. Sleeve	261. Collar	Base
25. Space	213. Thrust Bearing	262. Spine Shaft	309. Micro Switch
26. Thrust Bearing	214. Ball Bearing	263. 42T Gear	310. Washer
27. Bevel Gear	215. Collar	264. 20T Gear	311. Bolt
28. Thrust Bearing	216. Spindle	265. Stop Ring	312. Switch-Cover
Holder	217. Key Screw	266. Stop Ring	313. Machine Screw
29. Adjust Screw	218. Feed Shaft	267. 47T Gear	314. Pilot Lamp
30. Nut	219. Feed Dial	268. Key	315. Select Switch
31. Flange	220. Handle Body	269. 37T Gear	316. Limit Switch Base
32. Socket Bolt	221. Cord	270. Collar	317. Limit Switch
33. Flange	222. Bush	271. Ball Bearing	318. Machine Screw
34. Socket Bolt	223. Thrust Bearing	272. Stop Ring	319. Washer
35. Shaft	224. Nut	273. Ball Bearing	320. Bolt
36. Thrust Bearing	225. Collar	274. Shaft	321. Cover
37. Bevel Gear	226. Socket Bolt	275. Key	322. Washer
38. Key	227. Handle	276. 20T Gear	323. Bolt
39. Stop Ring	228. Handle	277. 30T Gear	324. Control Box
40. Stop Ring	229. Spindle Pin	278. Collar	325. Machine Screw
41. Handle	230. Spindle Pin	279. Ball Bearing	
42. Gripe	231. Spindle Case	280. Stop Ring	
43. Pin	232. Bush	281. Shifter Bracket	
44. Arm	233. Helical Spring	282. Socket Bolt	
45. Nut	234. Spring Case	283. Shifter Shaft	
46. Screw	235. Nut	284. O-Ring	
47. Bracket	236. Nut	285. O-Ring	
48. Socket Bolt	237. Machine Screw	286. Flange	
49. Thrust Bearing			