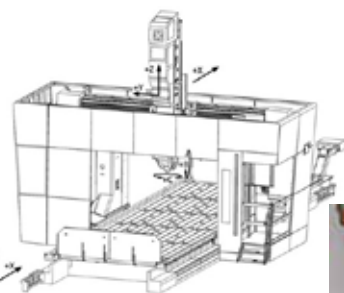
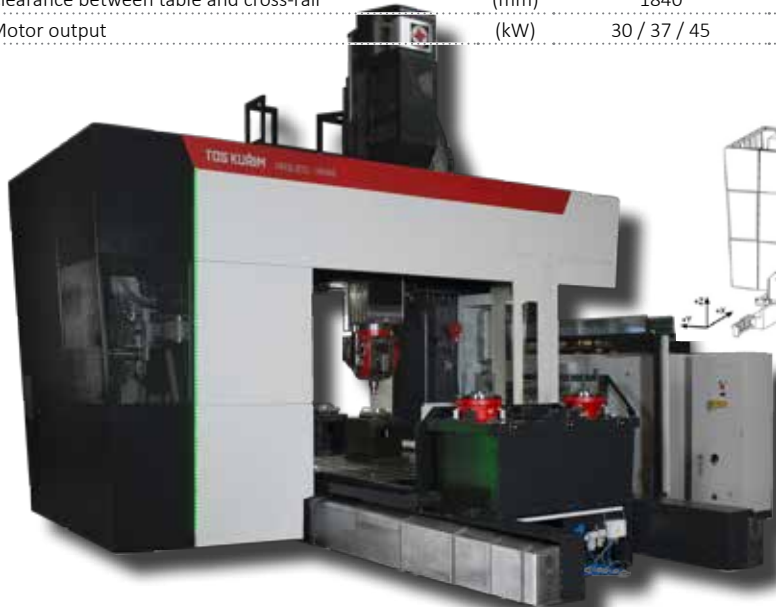


MILLING MACHINES

GANTRY TYPE



GANTRY TYPE		FRPN-A 150-400	FRPN-B (C) 200-400	FRPF-A 200-400	FRPF-B (C) 200-400
Working travel X- cross	(mm)	3000 / 4000 / 5000	5500 ÷ 13500	5500 ÷ 13500	5500 ÷ 13500
Working travel Y- cross	(mm)	2900 ÷ 5400	3300 ÷ 5800	3000 ÷ 5000	3700 ÷ 5700
Working travel Z- vertical	(mm)	1500 / 2000	1500 / 2000	1500 / 2000	1500 / 2000
Working travel W- cross rail	(mm)	-	-	2000 / 2500	2500 / 3000
Column to column distance	(mm)	2600 ÷ 5100	3050 ÷ 4550	2500 ÷ 4500	2500 ÷ 4500
Clearance between table and cross-rail	(mm)	1840	1800 ÷ 2500	2400 ÷ 3150	3000 ÷ 4000
Motor output	(kW)	30 / 37 / 45	60 / 71 (100)	30 / 37 / 45	60 / 71 / 100



GANTRY TYPE		FRF 200	FRF 250	FRF 300	FRF 350	FRF 400
Working travel X- cross	(mm)	4000 ÷ 24000	4000 ÷ 24000	4000 ÷ 24000	4000 ÷ 24000	4000 ÷ 24000
Working travel Y- cross	(mm)	2900	3400	3900	4400	4900
Working travel Z- vertical	(mm)	1500	1500	1500	1500	1500
Feed- range X / Y / Z	(mm)	1 ÷ 20000 (30000)	1 ÷ 20000 (30000)	1 ÷ 20000 (30000)	1 ÷ 20000 (30000)	1 ÷ 20000 (30000)
Column to column distance	(mm)	2550	3050	3550	4050	4550
Clearance between table and cross-rail	(mm)	2050	2050	2050	2050	2050
Motor output	(kW)	30 / 37 / 45	30 / 37 / 45	30 / 37 / 45	30 / 37 / 45	30 / 37 / 45