Machinelist HAWO

Section	Machine	Dimensions	No. of axis	No. of tools	Details	NC Control	Used for
Turning	Hwacheon Hi-Tech 200B	Ø300 X 400 mm	3	12	Spindle bore 65 mm	Fanuc	allround
	Doosan Leo	Ø320 X 300 mm	3	8	Spindle bore 42 mm	Fanuc	allround
	Doosan Puma 5100 XLY	Ø550 X 3000 mm	5	12	Turn-Mill multitasking machine	Fanuc	allround
	Mori Seiki SL35	Ø500 X 1500 mm	3	10		Fanuc	allround
	Geminis GHT 5	Ø1000 X 3000 mm	3	1	Chuck outside Ø1000 mm and inside Ø930	Siemens	allround
Small milling	YCM-VCM-85AH	850 X 440 X 500 mm	3	20		Fanuc	allround
	YCM-NXV-1020 (1)	1020 X 520 X 540 mm	3	30	with Cobot automation	Fanuc	allround
	YCM-NXV-1020 (2)	1020 X 520 X 540 mm	3	30		Fanuc	allround
	YCM-MV-106A	1020 X 600 X 600 mm	3	30		Fanuc	allround
Large milling	YCM-WV 108B	1120 X 762 X 700 mm	3	24		Fanuc	heavy machining
	YCM T13	1300 x 680 x 630 mm	3	30		Fanuc	heavy machining
	YCM-NXV-1680	1630 X 762 X 700 mm	3	48		Fanuc	allround
	Kao Ming KMC-3000 SD	3230 X 1400 X 700 mm	3	30		Fanuc	heavy machining
	Kao Ming KMC-4000 SD	4220 X 1900 X 700 mm	3	30		Fanuc	heavy machining
	Matsuura H.plus-630 (1)	1050 X 920 X 870 mm	4	60	B-axis - 2 pallets places	Fanuc	heavy machining / cast iron
	Matsuura H.plus-630 (2)	1050 X 920 X 870 mm	4	60	B-axis - 2 pallets places	Fanuc	heavy machining / cast iron
Horizontal milling and boring	Juaristi TSC1 3T	1500 X 1100 X 1200 mm	4	60	B-axis, max. weight 3000 kg	Heidenhain	heavy machining / cast iron
	Juaristi TS-1/6 TNC 426 CA 6T	3000 X 2000 X 1600 mm	4	40	B-axis, max. weight 6000 kg	Heidenhain	heavy machining / cast iron
	Mandelli Spark 1600X	1600 X 1400 X 1400 mm	5	208	2 pallet places, size 1000 x 800 mm with automatic head (5-axis)	Siemens	heavy machining
	Mandelli Storm 2500	2600 X 1500 X 1800 mm	4,5	208	8 pallet places, size 1250 x 1000 mm with swiveling head 95°	Siemens	heavy machining
Milling 5-axis	Hermle C40UP (1)	850 X 700 X 500 mm	5	195	Robot loading and 15 pallet places	Heidenhain	allround
	Hermle C20	600 X 450 X 450 mm	5	118	Robot loading and 35 pallet places	Heidenhain	allround
	Hermle C650 (1)	1050 X 900 X 600 mm	5	258	Robot loading and 15 pallet places	Heidenhain	allround
	Hermle C650 (2)	1050 X 900 X 600 mm	5	258	Expected May 2026	Heidenhain	allround
	Matec-30HV (1)	3000 X 800 X 1100 mm	5	48	Swiveling head ±105° and rotary table	Heidenhain	allround
	Matec-30HV (2)	3000 X 800 X 1100 mm	5	48	Swiveling head ±105° and rotary table	Heidenhain	allround
Turning conventional	Pinacho S90/225	Ø500 X 1600 mm	3	1			allround
Sawing	Cosen C-320NC	Ø260 mm			Automatic cutting machine		allround
	Cosen AH-7652H	Ø520 mm			Automatic cutting machine		allround
Cleanroom	ISO 5 / Grade 2	600 x 400 x 300			Energy neutral		
CMM (3D measuring)	Mitutoyo Crysta 9168	2,2 + 3L/1000 Mu	3				Accuracy 0.002 mm
	Mitutoyo Crysta Apex-V	2,3 + 3L/1000 Mu	3				Accuracy 0.002 mm