



METEOR 630

METEOR 630

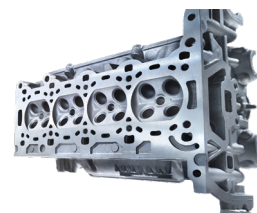
flexible, horizontal machining center

METEOR 630 is a 4- or 5-axis horizontal machining center. It has been designed to meet the highest requirements of a high performance automotive production lines. For customers looking for short cycle times and loading/unloading times, the machine can optionally be equipped with pallet changer.

YOUR ADVANTAGES

- Specially developed for aluminum processing
- Automatic pallet changer increases your productivity
- Small installation area reduces the floor space required
- Efficient drives reduce your energy costs

TYPICAL PARTS



Tool changer

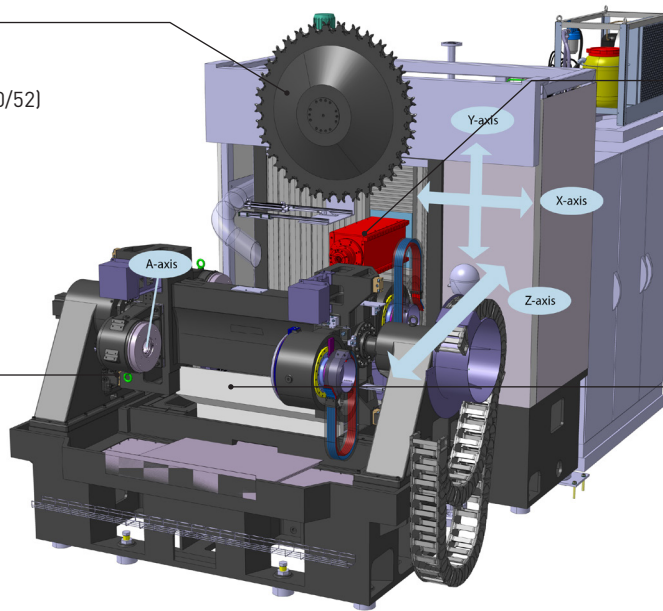
Automatic disc tool changer

Magazine capacity: 34 [optional 40/52]

Chip-to-chip time: 3.3 s

Automatic pallet changer
 (optional)

Change time 6 s chip-to-chip


Spindle

 30kW spindle
 HSK63-A
 up to 18000 rpm

 Max. tool- ϕ : 230mm
 Max. tool length: 320mm

Pallet

 630 x 630mm
 part max. ϕ 800 x 960mm

		METEOR 630	METEOR 630P	
number of axes	number of axes*	4	4	
spindles	number of spindles	1	1	piece
working range	X-axis	630	630	mm
	Y-axis	630	630	mm
	Z-axis	630	630	mm
max. part size	X/Y/Z	ϕ 800 x 960	ϕ 800 x 960	mm
feed rate	acceleration [X/Y/Z]	8/15/20	8/15/20	m/s ²
	max. speed [X/Y/Z]	90/80/80	90/80/80	m/min
accuracy	positioning accuracy acc. VDI 3441/2617	0.006	0.006	mm
	repeatability acc. VDI 3441/2617	0.002	0.002	mm
spindle	speed	0-18000	0-18000	rpm
	power [S1/S6]	30/50	30/50	kW
	torque [S1/S6]	45/80	45/80	Nm
tool magazine	tool holder	HSK63-A	HSK63-A	
	tool capacity*	34	34	piece
	max. tool diameter	230	230	mm
	tool length*	320	320	mm
	tool weight	8 / 16	8 / 16	kg
	chip-to-chip time at 1800 rpm	3.3	3.3	s
parts and clamping dimension	rotations diameter	800	800	mm
	length	960	960	mm
	max. load on A/B	500/250	500/250	kg
	automatic pallet changer - change time (chip-to-chip)	-	6	s
weight/dimensions	weight	11670	20015	kg
	dimension LxWxH	4195 x 2390 x 3419	5480 x 2950 x 3419	mm
connected load	operating voltage	3x 400	3x 400	Volt
	total connected load	55	55	kVA
NC control	Siemens*	Sinumerik 840 D SL	Sinumerik 840 D SL	
* options available				
options	number of axes	5	5	
	tool capacity	40/52	40/52	piece
	tool length	510	510	mm
	Fanuc control	31i-MB	31i-MB	