

IRIDIUM 80/4



technical data

Work area

Max. chuck diameter	mm	2x Ø 170
Swing diameter with automation	mm	Ø 80
Max. swing diameter with manual loading	mm	Ø 80
Travel X / Z	mm	220 / 280
Change of work piece in working area	sec.	≈ 0,8 sec.

4 Main spindles

Spindle flange according to DIN 55 026		A5
Spindle bearing, front	mm	Ø 120
Rotational speed		
- with transmission ratio 1:3 of intermediate gearbox	U/min	0–3000
- with transmission ratio 1:2 of intermediate gearbox	U/min	0–4500
Motor spindle – optional	U/min	0–7000

Main drives (1 Motor for 2 Spindle)

AC asynchronous motor 25% / 100% duty cycle	(specifications)	kW	17.5 / 12.5
Maximum power consumption	(specifications)	kW	17.5
Full output w/ spindle speed	(specifications)	U/min	667
Torque 25% / 100% duty cycle	(specifications)	Nm	200 / 102

Feed drives

Rapid feed X, Z, U	m/min	25, 25, 40
Feed force in X, Z	kN	5
Ball screw spindles in X, Z and U	mm	Ø 32, 40 und 50

Disc turret

Cylinder housing DIN 69 880		2 x 8x
Shank diameter		VDI 30

Electrical equipment

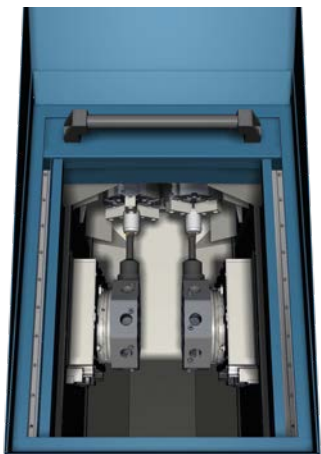
Operating voltage	V	400
Control voltage	DC	V 24
	AC	V 230
	Frequency	Hz 50
Connected load	kW	48
In-line fuse	A	80 – optional 125
Type of electrical equipment		VDE 0113

Dimensions and weights

Width / width with chip conveyor	mm	3210 / 4540
Depth / depth with terminal / depth required	mm	2140 / 2940 / 3840
Height	mm	2800
Weight	kg	approx. 10,000

Subject to modification.

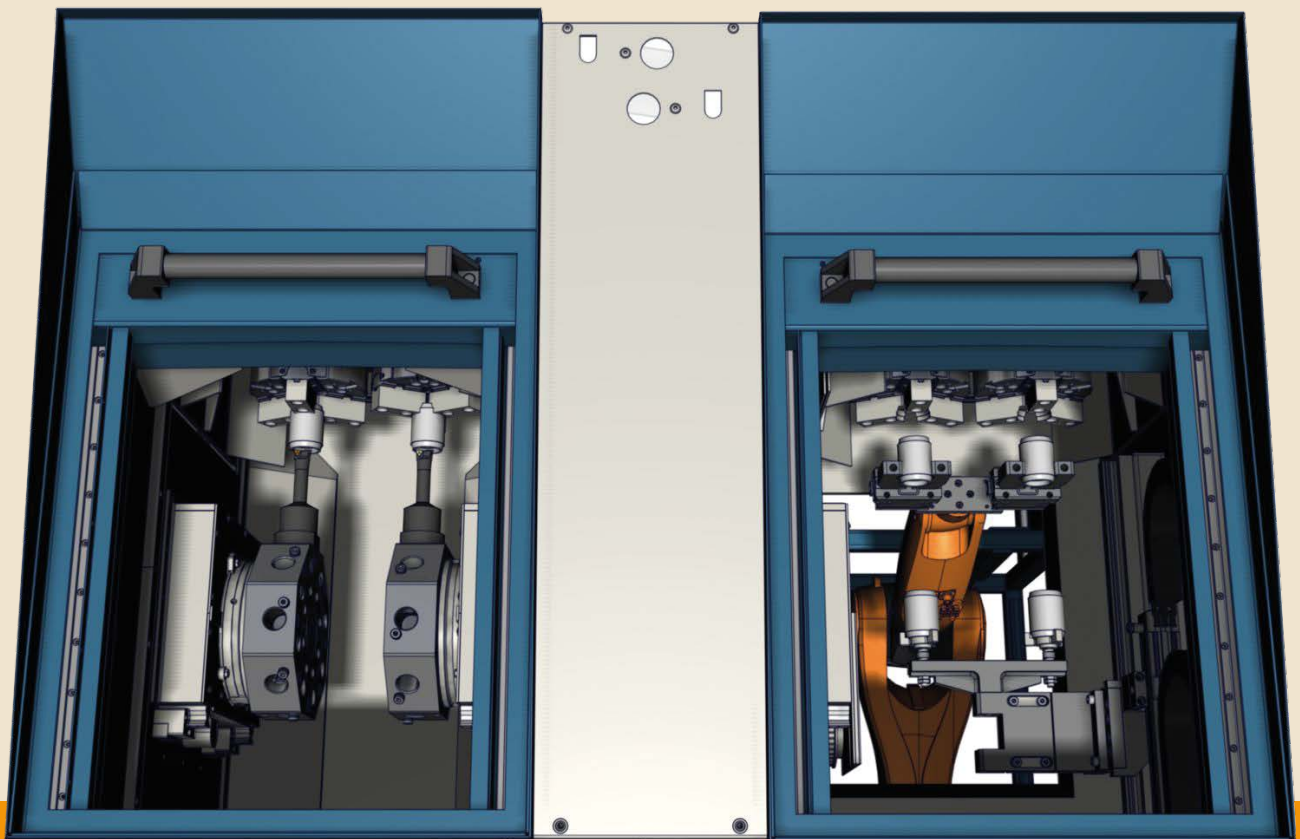
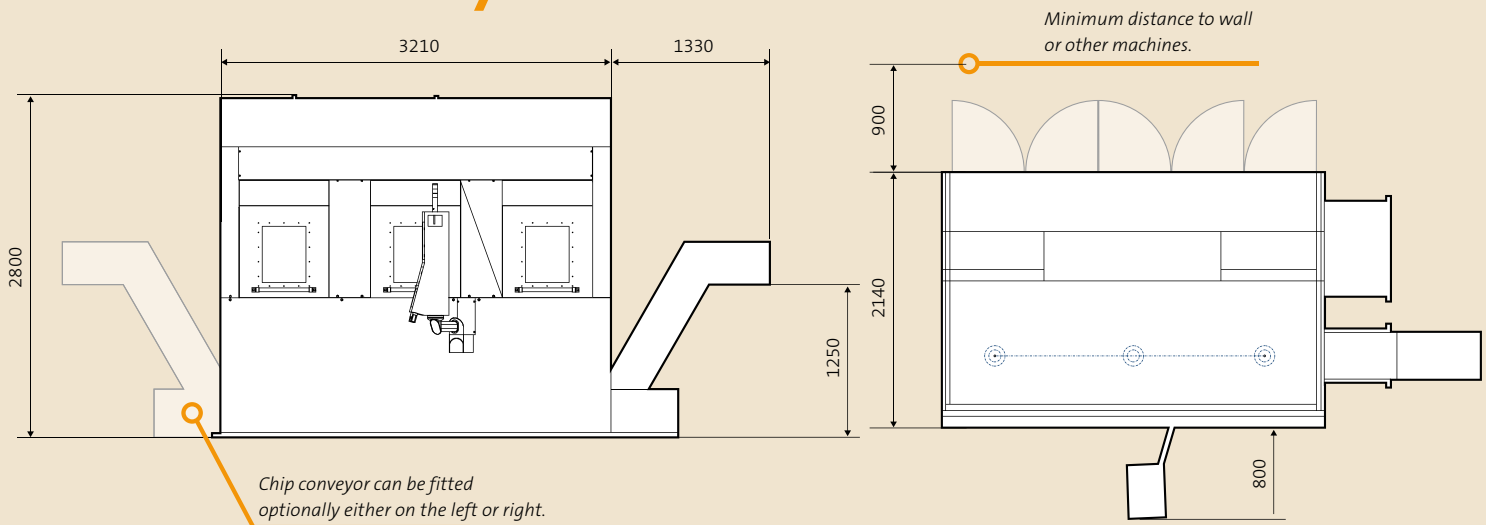
DOUBLE
SPINDLE
MACHINE
WITH 4 SPINDLES?



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DOUBLE spindle machine

IRIDIUM 80/4



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of turning.

Inventhor GmbH
Am Räsenberg 2 · 29456 Hitzacker · Germany
Telephone +49 (0)5862/ 9418-59 · Fax -58
info@inventhor.de · www.inventhor.de