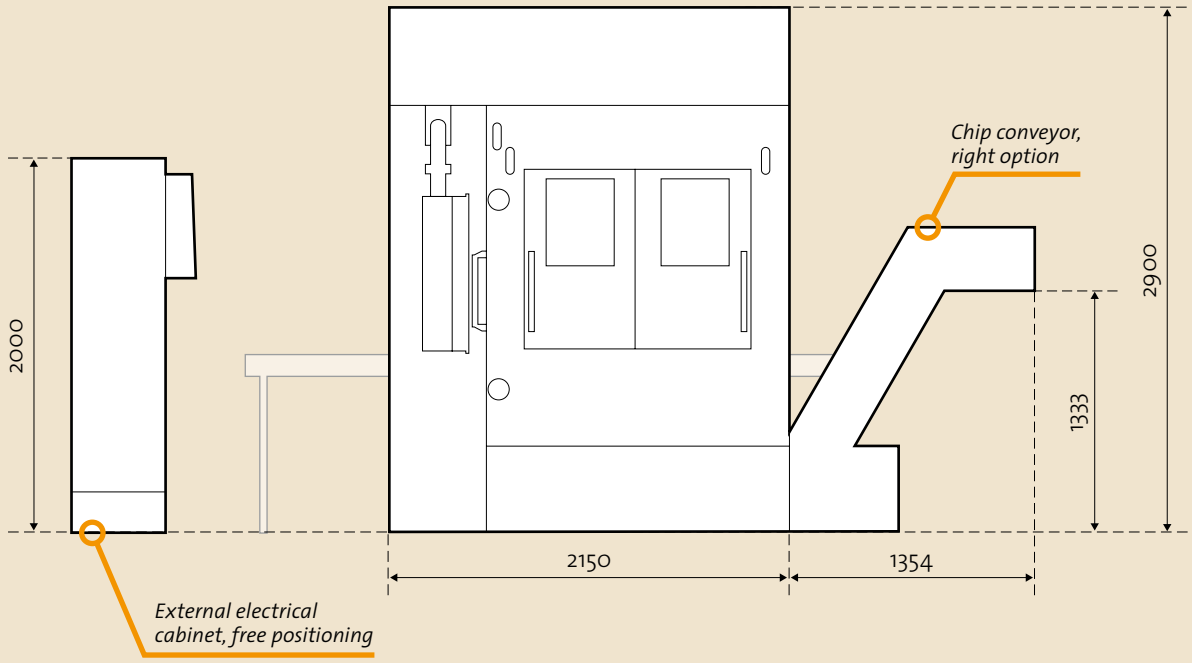
osmium 100

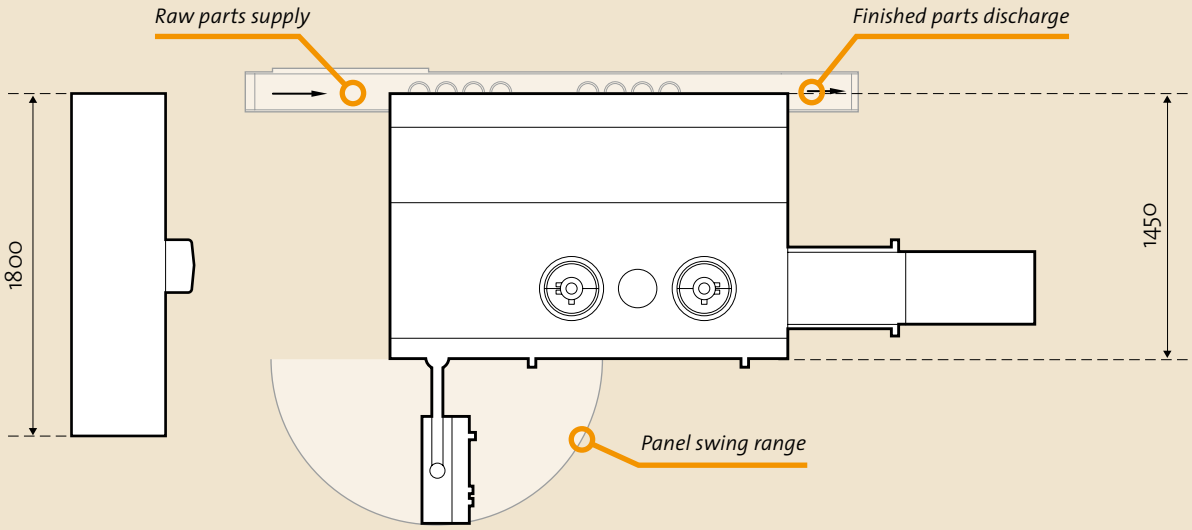
technical data

Work area			
Max. chuck diameter		mm	Ø 250
Swing diameter with automation		mm	Ø 100
Max. swing diameter with manual loading		mm	Ø 200
Travel X / Z		mm	300 / 450
Workpiece change parallel to primary machining		sec.	≈ 3
Main spindles, 2 p.			
Spindle flange according to DIN 55 026			A6
Spindle bearing, front		mm	Ø 140
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	0–5000
Main drives, 2 p.			
AC asynchronous motor 25% / 100% duty cycle		kW	17.5 / 12.5
Maximum power consumption		kW	17.5
Full output w/ spindle speed		U/min	667
Torque 25% / 100% duty cycle		Nm	200 / 102
Feed drives			
Rapid feed X, Z, U		m/min	30, 30
Feed force in X, Z		kN	5
Ball screw spindles in X, Z and U		mm	Ø 32, 40
Disc turret, 1 p.			
Cylinder housing DIN 69 880			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	40
In-line fuse		A	80
Type of electrical equipment			VDE 0113
Dimensions and weights			
Width / with chip conveyor		mm	approx. 2150 / 3500
Depth (without automation)		mm	approx. 1450
Height		mm	approx. 2900
Weight		kg	approx. 6000
Electrical cabinet integrated in machine, optional: external electrical cabinet (w/h)		mm	approx. 1800 / 2000

Subject to modification.

osmium 100





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INVENTHOR

By machinists
for machinists.

Inventhor GmbH
Am Räsenberg 2 · 29456 Hitzacker · Germany

Telephone +49 (0)5862/ 9418-59 · Fax -58
info@inventhor.de · www.inventhor.de