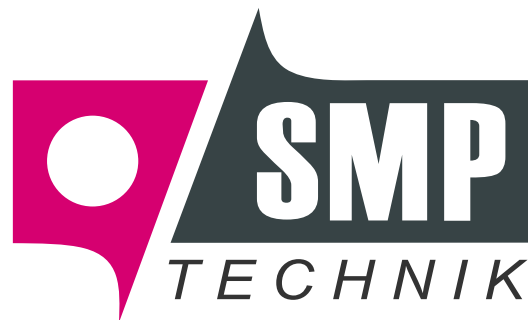
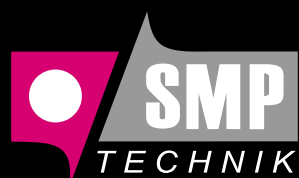
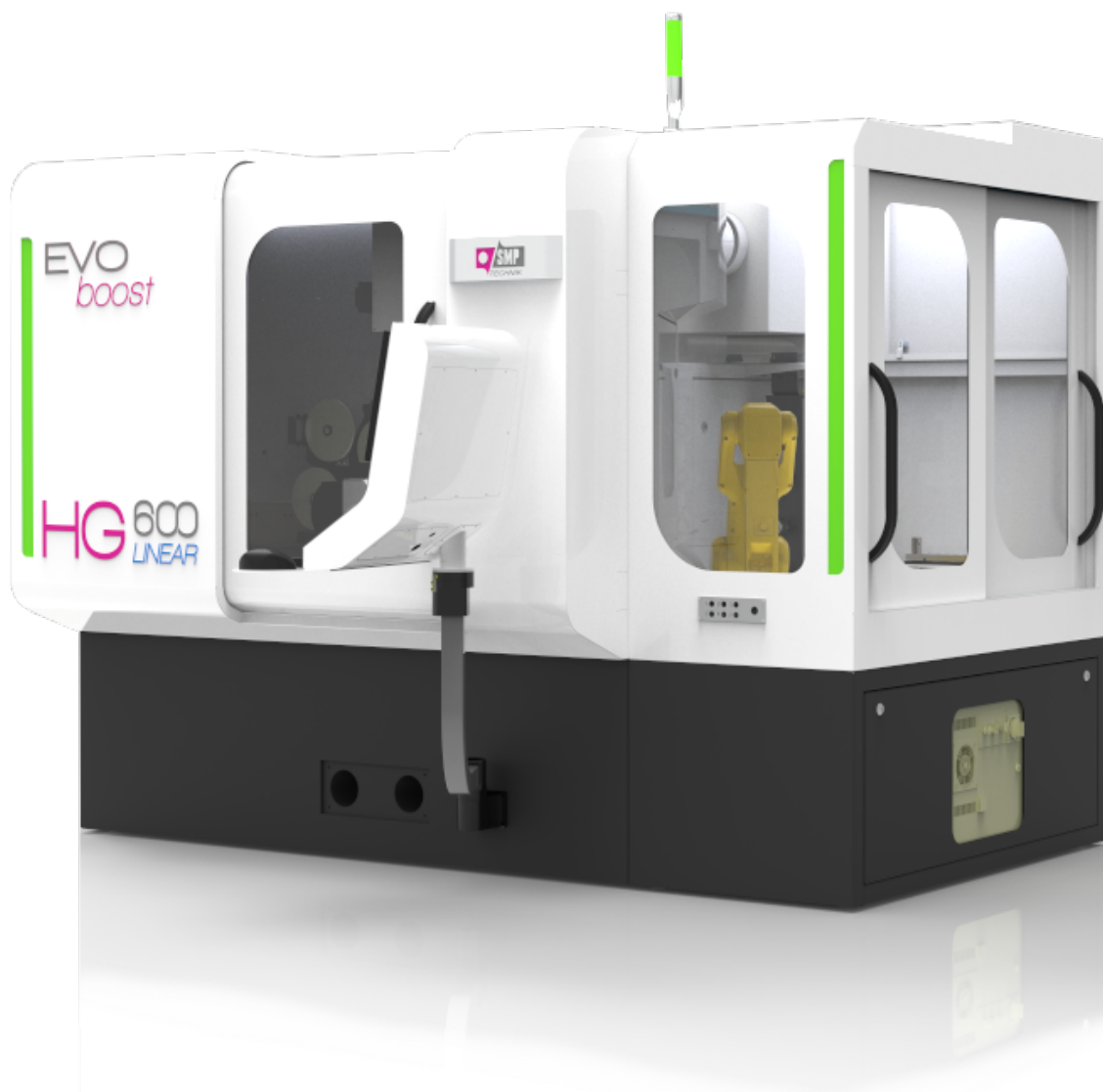


LINEAR
600

HIG



AFFUTEUSE & RECTIFIEUSE 5 AXES
5 AXIS GRINDING MACHINE



122 rue Pasteur-ZAC
du Bois Chevrier
69780 TOUSSIEU FRANCE
Tel.: 33 4 72 15 51 70
Email: smp@smp.fr
www.smp.fr



CARACTERISTIQUES TECHNIQUES

TECHNICAL DESCRIPTION

Capacité outils

Tool capacity

Longueur maximale de l'outil (en fabrication)	mm	550
Maximum tool length (grinding)		
Longueur maximale de l'outil (en affutage)	mm	>550
Maximum tool length (sharpening)		
Diamètre maximal de l'outil	mm	250 à 300
Maximum tool diameter		
Poids maximal de l'outil (entre pointes)	kg	≈100
Maximum tool weight		
Diamètre maximal de la meule (avec attachement HSK50)	mm	300
Maximum wheel diameter (with HSK50 attachment)		

Spécifications machine

Machine specification

Course axe X (vertical)	mm	650
X axis stroke (vertical)		
Course axe Y (horizontal)	mm	290
Y axis stroke (horizontal)		
Course axe Z (perpendiculaire)	mm	300
Z axis stroke (perpendicular)		
Course axe A (porte outil)	mm	-∞ / +∞
A axis stroke (clamping tool)		
Course axe B (porte électrobroche)	deg	-15 / +180
B axis stroke (electrospindle holder)		
Vitesse axe X (vertical)	m/mim	50
X axis speed (vertical)		
Vitesse axe Y (horizontal)	m/mim	15
Y axis speed (horizontal)		
Vitesse axe Z (perpendiculaire)	m/mim	50
Z axis speed (perpendicular)		
Vitesse axe A (porte outils)	t/mim	650
A axis speed (clamping tool)		
Vitesse axe B (porte électrobroche)	t/mim	30
B axis speed (electrospindle holder)		

Résolution

Accuracy

Axes X, Y, Z axis	mm	0.0001
Axes A, B axis	deg	0.0001

Système de lecture par règle de mesure HEIDENHAIN / Reading system or linear scale HEIDENHAIN

Données machine/ électrobroche

Machine & Spindle performances

Puissance électrobroche/ Vitesse max électrobroche/ Fixation des meules	25 KW (S1) / 24000t/min / HSK50
Electrospindle power/ Electrospindle speed/ Wheel attachment	(Autres attachements sur demande/Other attachment on request)

Changeur d'outil

Dimensions

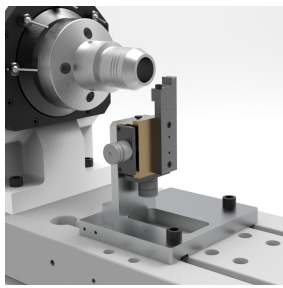
Changeur de meules

Tool changer

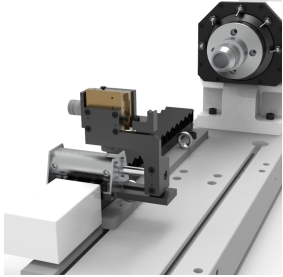
With robot Dimension (L x l x h / Length x width x height)

Wheel changer

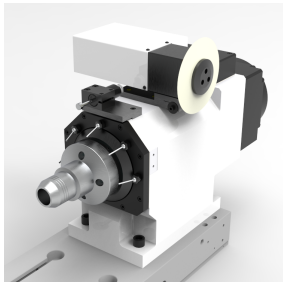
Capacité / Capacity	60	1300	Avec robot / With robot	2900 x 2700 x 2200 mm	Stations	6
Diamètre / Diameter	∅ 16 max	∅ 32 max	Sans robot / Without robot	2900 x 2150 x 2200 mm	Stations	14
Long max. / Max length	120	120	Poids total / total weight	6500 kg	Wiht robot	



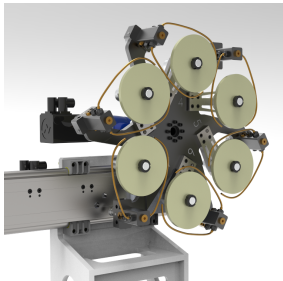
Fix a pneumatic STEADY REST



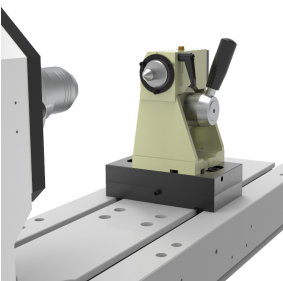
CNC Following STEADY REST grinding wheel proling system



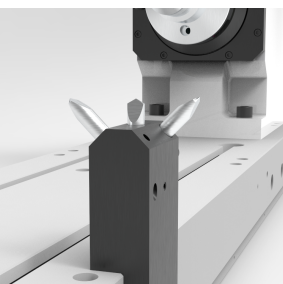
Automatic grinding wheel profiling UNIT Grinding Wheel probing system



Wheel changer with integrated cooling nozzles



Tail stock



Automatic grind wheel profiling unit with diamond

