



## 1) Technical specifications

<b>Headstock</b>	Centre height:	280mm [11"]
	Swing:	560mm [22"], @bed end: 1.000mm [39"]
	Centre above floor:	Min: 114cm, [44.9"] - Max: 119cm, [46.9"]
	Feet adjustment:	50mm [2"]
	Bearings:	1HP (2) – 2 & 3 HP (3)
	Bearing housing:	300mm distance
	Spindle lock:	2 positions
	Sliding:	Entire bed length
	Rotation:	360°, continuous, step less
	Position locking:	Cam lock
	Spindle:	40mm [1 ½"], hollow 9mm diameter, MK 2
	Security:	Compliant with Euro chuck & face plate unwinding security lock
	Screw thread:	M33 x 3.5mm with protection nut and spur centre ejection
	Index:	24 position, equally devisable in 2, 3, 4, 6, 8, 12 & 24 positions
	Pulley:	5 positions, speed range: 60 – 3500rpm
	Vacuum:	Left hand M20 screw thread for vacuum connection
	Motor:	1, 2 & 3HP, [750, 1.500 & 2.250Watt], asynchrone no brushes
	Freq. Inverter:	Variable speed vector controlled, built-in headstock cap
	Control box:	Ergonomical, remote with cable and strong magnet
	Safety:	Active safety programming and visual feed back
Rotation:	Forward and reverse, controlled acceleration/deceleration	
Extra outlet:	Integrated power outlet for light or small power tool	
<b>Tailstock</b>	Quill:	MK 2, hollow diameter 9mm, auto eject
	Locking:	Cam lock
	Measuring:	Metric and Imperial scale
	Quill stroke:	100mm
	Axial bearing:	Thrust bearing load support
	Operation:	Extremely smooth
<b>Toolrest</b>	Toolrest:	Asymmetric 300mm [12"]
	Stem:	1" diameter [25,4mm]
	Position:	Off centre, curved shape, movable to back of banjo



<b>General</b>	Power supply:	220V mono phase, 5, 7 or 10Amp
	Metal casting:	Headstock, banjo, tailstock, bed and "A" frame stands
	"A" frames:	Adjustable feet 45mm [1 ¾"], massive closed casting
	Centre distance:	600, 800 or 1.000mm [23.6, 32.5 or 39.4"]
	Bed extension:	Option, 600mm [23.6"]
	Locking handles:	All adjustable position
	Weight:	315 -360kg
	Dimensions:	L x W x H; 1.340 /1.890 x 630 x 1280mm [53/75 x 25 x 50"]

## 2) Speed range table

---

Belt position (left to right)				
1	2	3	4	5

Frequency [Hz]	RPM [tr/min] (*)				
Min	600	410	240	150	60
Max	3500	2520	1440	910	390

(\*) Can slightly differ depending on the motor type installed 1,2 or 3HP.  
 The display read out on the control box gives the correct spindle speed +/- 10 rpm.



### 3) Packaging info

[Metric]

#### Pallet transport info:

	ZX600	ZX800	ZX1000
<b>Weight [kg]:</b>			
1HP	330	346	362
2HP	334	350	366
3HP	338	354	370

	ZX600	ZX800	ZX1000	
<b>Dimensions [cm]:</b>				
Length:	1, 2 & 3HP	130	150	170

Width:	1, 2 & 3HP	84	79	79
Height:	1, 2 & 3HP	84	78	78

#### Info mounted machine

	ZX600	ZX800	ZX1000
<b>Weight [kg]:</b>			
1HP	315	331	347
2HP	319	335	351
3HP	323	339	355

	ZX600	ZX800	ZX1000	
<b>Dimensions [cm]:</b>				
Length:	1HP	134	154	174
	2HP	144	164	184
	3HP	149	169	189

Width:	1, 2 & 3HP	63	63	63
Height (*):	1, 2 & 3HP	128	128	128

(\*) Except benchmodel: 65cm

(\*) With adjustable feet in max. position: 133cm

#### Transport info Extension:

<b>Weight [kg]:</b>	60
---------------------	----

<b>Dimensions [cm]:</b>	
L:	65
B:	30
H:	20

#### Machine mounted with Extension:

	ZX600	ZX800	ZX1000
<b>Weight [kg]:</b>			
1HP	370	386	402
2HP	374	390	406
3HP	378	394	410

	ZX600	ZX800	ZX1000	
<b>Dimensions [cm]:</b>				
Length incl, Extension:	1HP	194	214	234
	2HP	204	224	244
	3HP	209	229	249

Width with Extension in frontal position:	1, 2 & 3HP	106	106	106
Height (*):	1, 2 & 3HP	128	128	128

(\*) Except benchmodel: 65cm

(\*) With adjustable feet in max. position: 133cm



[Imperial]

**Pallet transport info:**

	ZX600	ZX800	ZX1000
<b>Weight [lbs]:</b>			
1HP	728	763	798
2HP	736	772	807
3HP	745	780	816

<b>Dimensions [inch]:</b>	ZX600	ZX800	ZX1000	
Length:	1, 2 & 3HP	51,2	59,1	66,9

Width:	1, 2 & 3HP	33,1	31,1	31,1
Height:	1, 2 & 3HP	33,1	30,7	30,7

**Info mounted machine**

	ZX600	ZX800	ZX1000
<b>Weight [lbs]:</b>			
1HP	694	730	765
2HP	703	739	774
3HP	712	747	783

<b>Dimensions [inch]:</b>	ZX600	ZX800	ZX1000	
Length:	1HP	52,8	60,6	68,5
	2HP	56,7	64,6	72,4
	3HP	58,7	66,5	74,4

Width:	1, 2 & 3HP	24,8	24,8	24,8
Height (*):	1, 2 & 3HP	50,4	50,4	50,4

(\* Except benchmodel: 25,6"

(\* With adjustable feet in max. position: 52,4"

**Transport info Extension:**

<b>Weight [lbs]:</b>	132
----------------------	-----

<b>Dimensions [inch]:</b>	
L:	25,6
B:	11,8
H:	7,9

1cm = 0,39 inch

1kg = 2,20 lbs

**Machine mounted with Extension:**

	ZX600	ZX800	ZX1000
<b>Weight [lbs]:</b>			
1HP	816	851	886
2HP	825	860	895
3HP	833	869	904

<b>Dimensions [inch]:</b>	ZX600	ZX800	ZX1000	
Length incl, Extension:	1HP	76,4	84,3	92,1
	2HP	80,3	88,2	96,1
	3HP	82,3	90,2	98,0

Width with Extension in frontal position:	1, 2 & 3HP	41,7	41,7	41,7
Height (*):	1, 2 & 3HP	50,4	50,4	50,4

(\* Except bench model: 25,6"

(\* With adjustable feet in max. position: 52,4"