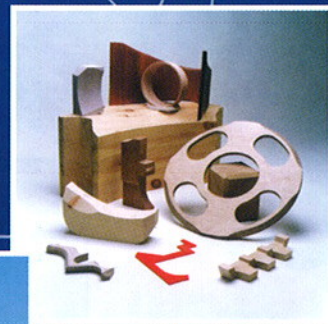


# PHILLIPSON

CONTOUR DISC & BELT SANDERS



*from*

**DALTONS**

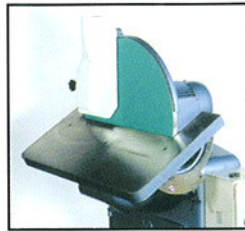


## PHILLIPSON DS24

This heavy duty 24" dia disc sander is essential for fast accurate sanding of flat and convex surfaces. The disc is accurately machined from heat treated aluminium to a tolerance of 0.08mm to eliminate vibration and disc run out. The large worktable tilts both ways by screw and handwheel fine adjustment and maintains a constant gap to the disc throughout its inclination. The worktable also wraps around the disc enabling sanding into square corners.

All Phillipson disc sanders feature a swivelling cast aluminium disc guard which covers the up run section of the disc and includes a 2 stage aerodynamically designed extraction outlet to aid the removal of waste dust resulting in a significant reduction in dust emissions.

This model also features an integral storage cupboard, electronic braking, foot operated stop switch and no volt release with overload protection.



## PHILLIPSON CBS1

The CBS1 Contour Belt Sander offers quick and accurate sanding of almost any contour. Abrasive belts travel at selected speeds over rigidly supported metal bars to facilitate sanding of the workpiece. For full versatility the Phillipson CBS1 is supplied complete with 4 contour bars, (15, 30, 40 & 50mm wide). These contour bars are dual sided with both a flat and radius profile and a fast and simple changeover procedure which allows flat sanding of internal and external flat/curved shapes.

The large worktable is infinitely adjustable and inclines 45 degrees both ways which coupled with a vernier scale, and spring loaded zero lock for fast resetting at 0 degrees, further enhances easy contour sanding.

Additional features include, automatically adjusted spring loaded belt tensioning, electronic braking, foot operated stop switch and no volt release with overload protection.

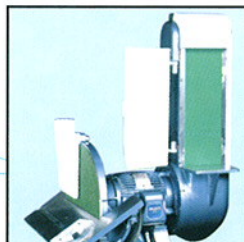


## PHILLIPSON DB166

The Phillipson DB166 has been designed and engineered for multi-purpose sanding of flat and curved shapes and meets all the safety, reliability and accuracy requirements of industry today.

The dual sided 16" dia disc and 6" wide finisher, which can be operated in either vertical or horizontal position, is a popular addition to workshops in all industries from aerospace and automotive pattern shops to colleges, furniture designers and woodworkers as well as users in the plastics/acrylics trade.

As with all Phillipson models, electronic braking, foot operated stop switch, efficient dust extraction outlets, and integral storage cupboard are standard features on the DB166.



Outstanding quality and performance are synonymous with the name of Phillipson. It is a reputation that has been developed over the years since the company was founded by the late Bryan Phillipson in 1968 at Gainsborough, Lincolnshire.

First established as master pattern makers, Phillipson quickly identified the need to develop pattern making machinery to suit their industry. Under the guiding hands of Matthew and Julian Phillipson, sons of the founder, Phillipson machinery has become recognised worldwide for the highest standards of precision and craftsmanship.

Early in 1998 came a formal agreement with Daltons resulting in the manufacture and development of the products being transferred to Daltons' own long established headquarters in Nottingham.

Already renowned for their engineering excellence in the rebuilding sector, the Dalton workshops quickly adjusted to the demands of manufacture and with the added experience and support of Julian and Matthew, who are retained in a consultative role, production of the Phillipson range is set to achieve an even greater market share in the future.

Already benefiting from the use of Phillipson sanding machines, blue chip clients include the world's leading formula one motor racing teams and the aerospace and automotive industries. The machines are also widely used by pattern makers, boat builders, furniture manufacturers, schools and technical colleges.



The late Bryan Phillipson - Circa 1959

## DS24



### SPECIFICATION

Disc Diameter	610 mm
Accuracy (run out tolerance)	0.08 mm
Speed	1000 rpm
Table dimensions (with wrap around extensions)	840 mm x 300 mm
Table tilt	+/- 45 degrees with zero lock and accurtilt vernier measurements
Distance table to top of disc	360 mm
Motor power	2.2 kW (3 HP) 3 Phase
Dust extraction outlets	2 of 100 mm dia
Noise level	< 70 db A
Machine dimensions (L x W x H)	950 x 760 x 300 mm
Weight	375 kgs

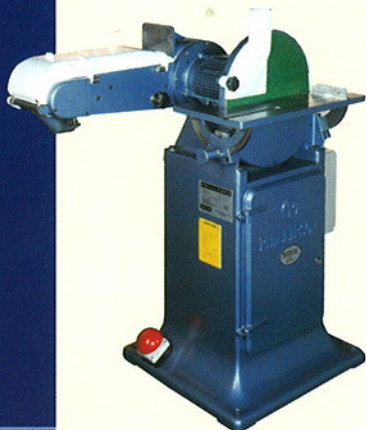
## CBS1



### SPECIFICATION

Sanding height	400 mm
Belt speed	15 m and 30 m/sec
Belt length	2710 mm
Table dimensions	700 mm x 700 mm
Table height	1000 mm
Table tilt	+/- 45 degrees with zero lock and accurtilt vernier measurement
Motor power	1.85/1.3 kW
Motor speed	2850/1420 rpm
Dust extraction outlet	125 mm dia
Noise level	80 - 87 db (A)
Machine dimensions	
Length	800 mm
Width	800 mm
Height	1000 mm (to worktable)
Weight	380 kgs

## DB166



### SPECIFICATION

Disc Diameter	406 mm
Accuracy (run out tolerance)	0.08 mm
Speed	1440 rpm
Table dimensions (with wrap around extensions)	600 mm x 165 mm
Table tilt	+/- 45 degrees with zero locks
Table height	940 mm
Distance table to top of disc	225 mm
Dust outlets	2 at 75 mm dia
Belt table	430 mm (working length)
Belt size	1600 x 150 mm
Belt table height	1035 mm
Belt speed	12 m/sec
Dust outlets	1 at 75 mm dia and 1 at 60 mm dia
Motor power	3 kW (4 HP) 3 Phase
Machine dimensions	
Belt horizontal (L x W x H)	1100 x 800 x 1170 mm
Belt vertical (L x W x H)	720 x 800 x 1650 mm
Weight	300 kgs

CE Specification

Manufactured and distributed by:

**DALTONS**

WOODWORKING MACHINES WORLDWIDE

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