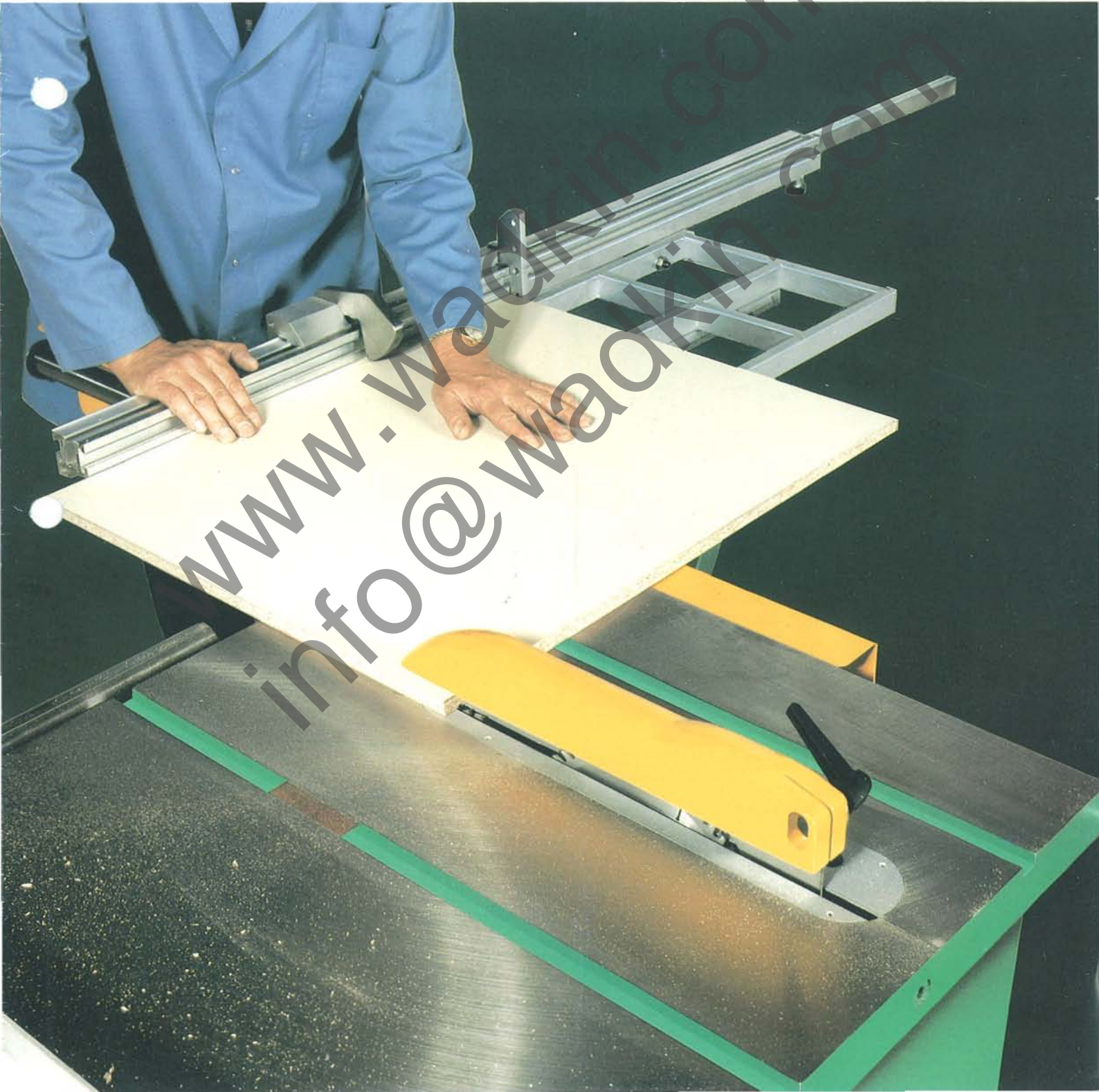




AGSP

TILTING ARBOR PANEL SAWBENCH



AGSP - the tilting arbor panel

Versatile Machine

A further inspired development of the highly successful AGS range of sawbenches, the Wadkin Durham AGSP is a small panel sawbench with a big difference – scoring. The machine features a proven highly efficient canting saw unit with integral scoring saw, making it the ideal choice as a general purpose sawbench for cutting both solid timber and smaller sized panels or as a sliding table sawbench for panels up to a nominal size of 1000mm x 2500mm. A high quality machine built to traditional Wadkin Durham standards, attractively priced and capable of high quality work.

The sensible choice of melamine and veneer faced panels, chipboard and sheet material where superior cut edges are required – no inaccuracies, no splashing or broken edges.

Designed to a high specification including scaled rip fence and telescopic cross-cut fence, the AGSP is a superior machine –

- * Ergonomically designed for reduced operator fatigue
- * Robust construction ensures long service life
- * Comprehensive range of optional features
- * Saw unit can be accurately canted through 45°
- * Ball-bearing rip fence movement with micro adjustment
- * Optional sliding crosscutting table suitable for handling panels up to 1000 x 2500mm



Saw Unit

The main and scoring saws can be accurately canted through 45°. (Table insert removed.) Built up of two blades and having side screw adjuster, the scoring saw can be easily adjusted to various saw kerfs.



Wide applications

- * **Angled ripping**
- * **Panel dividing**
- * **Panel trimming**
- * **Compound angles**
- * **Deep ripping**
- * **Mitring**
- * **Bevelling**

Panel sawbench, a way ahead

HIGH SPECIFICATION

The AGSP combines constructional rigidity and dimensioning accuracy with flexibility and panel sizing capacity. Available as a 3 phase or 1 phase 2.2kW (3hp) machine giving maximum saw projection of 100mm (4in), optional 3.7kW (5hp).

For routine dimensioning work the standard AGSP can be used as a conventional sawbench using the ball bearing movement rip fence with fine micro adjustment and fully adjustable fence plate for fine quality work. The saw unit can be accurately canted through 45°, pivoting on front and rear trunnions for increased stability and accuracy, enabling bevells, mitres, and with the use of the mitre fence, compound angles to be produced. The scoring saw is automatically retracted when maximum saw projection is required for deep ripping.

For working panels the optional open frame easy glide sliding table offers more than adequate support for even the largest of components, with accuracy of cut assured by an extruded aluminium crosscut fence with telescopic end section and fully adjustable turnover stops. For high quality and precision panel work the saw unit incorporates an integral contra-rotating scoring saw which eliminates splchling on the underside of veneer or melamine type panels up to 30mm thick, producing a perfect sawn edge on both faces of material.

Adjustment of the scoring saw is automatic when raising or lowering the main saw, a valuable aid when rapid set ups are required.



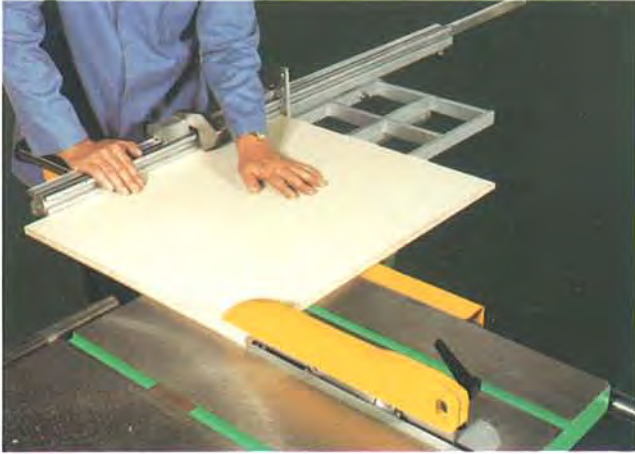
- * **Panel squaring**
- * **Paralleling/sizing**
- * **End trimming**

RANGE OF OPTIONS

Comprehensive range of optional features is offered to allow the maximum realisation of the machine's potential.

- * Metal extension table and fence bar
- * Rear extension table
- * Shaw guard
- * Dado set
- * 2.2kW single phase motor
- * 3.7kW 3 phase motor
- * Steel fence plate
- * Dust exhaust connection
- * Automatic brake

SUPERIOR FEATURES THROUGHOUT



Panel sizing

The optional open frame sliding table is fitted with a precision graduated crosscut fence and fully adjustable turnover stop. Enables panel sizing to be undertaken with assured accuracy.



Deep ripping

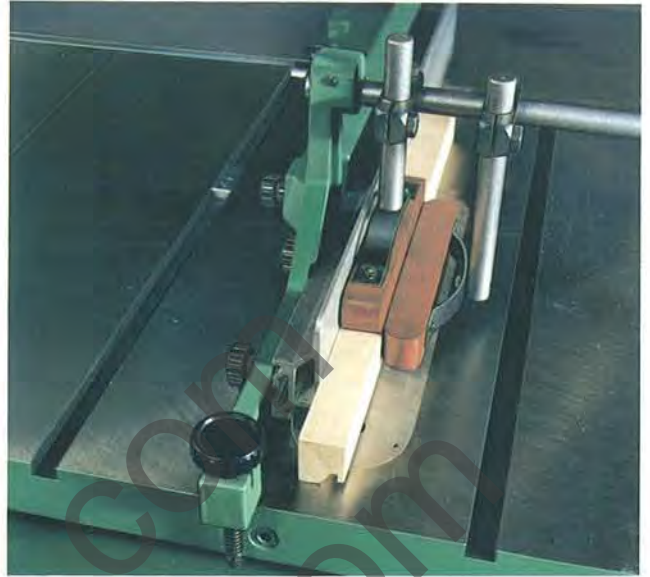
With fully adjustable rip fence and large diameter saws, the AGSP is capable of deep ripping long lengths of solid timber.



Compound angle

With a canting main blade, and accurate mitre fence usually difficult compound angles can be produced easily.

SUPERIOR OPTIONAL FEATURES



Dado set

Dado set, moulding cutterblocks, and wobble sets are available to allow the maximum utilization of machine's potential.



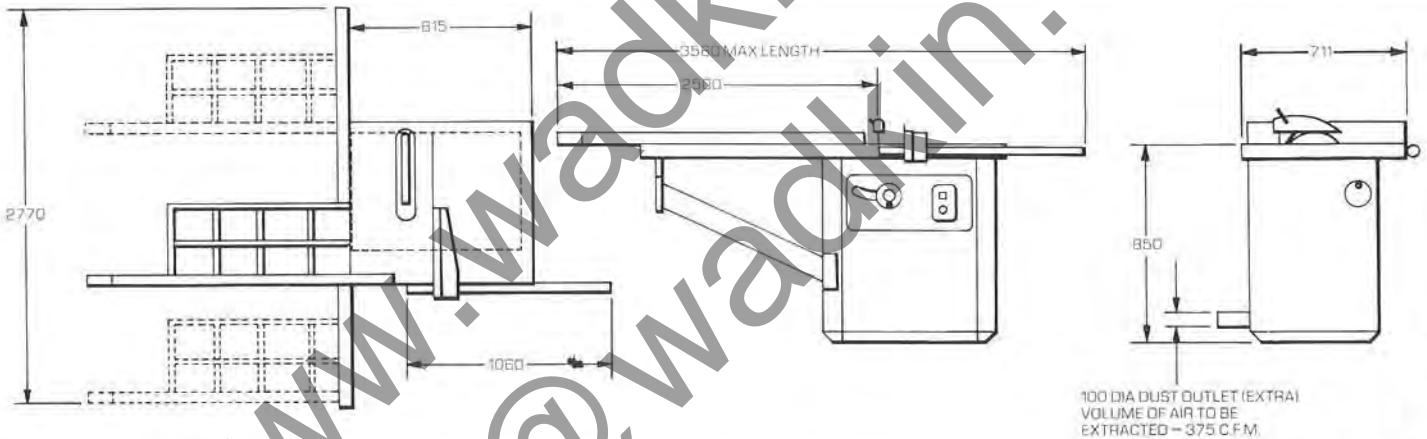
Extension table

To enable the AGSP to work even larger panels a metal extension table and additional rip fence bar are available as an option giving up to 1255mm (49in) from saw to rip fence.



SPECIFICATION

Panel size maximum no scoring	} when fitted with optional sliding table	1000 x 2500mm	(39 x 98 in)
when scoring		960 x 2500mm	(38 x 98 in)
Fixed table size		815 x 711mm	(32 x 28 in)
Maximum diameter of saw		300mm	(12 in)
Maximum recommended diameter of saw when scoring		250mm	(10 in)
Saw projection with 250mm blade:		25 to 75mm	(1 in to 3 in)
Saw projection with 300mm blade:		50 to 100mm	(2 in to 4 in)
Maximum depth of cut when scoring		30mm	(1 1/4 in)
Maximum distance saw to rip fence, standard		914mm	(36 in)
Diameter of scoring saw		105mm	(4 in)
Diameter of saw spindles		20mm	(3/4 in)
Power of motor, standard		2.2kW	(3 hp) 3 phase
optional		2.2kW	(3 hp) single phase
		3.7kW	(5 hp) 3 phase
Spindle speed, main saw		3850 rev/min	
Spindle speed, scoring saw		7000 rev/min	
Floor space approx.		2700 x 2700mm	(106 x 106 in)
Net weight approx.		265kg	(585 lb)
Gross weight approx.		305kg	(680 lb)
Shipping dimensions, machine		0.93 x 0.83 x 1.00 m	(36 x 32 x 39 in)
table		1.74 x 0.17 x 0.13 m	(68 x 7 x 5 in)



Standard AGSP supplied with the following:- rip fence, riving knife and saw guard, and control gear fitted with no volt release and overload protection.

Wadkin Durham panel saw benches conform to the latest Health and Safety Regulations with a high degree of environmental acceptability. Noise levels are well within prescribed limits and an efficient dust extraction system ensures machines remain dust free during operation.

Wadkin Durham supply a range of dimensioning and panel saws. Further leaflets available on request.



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