

Wadkin

32" Circular Saw Bench

With rising and falling table, Type S.R.

(Classification 12.131.36)



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Wadkin

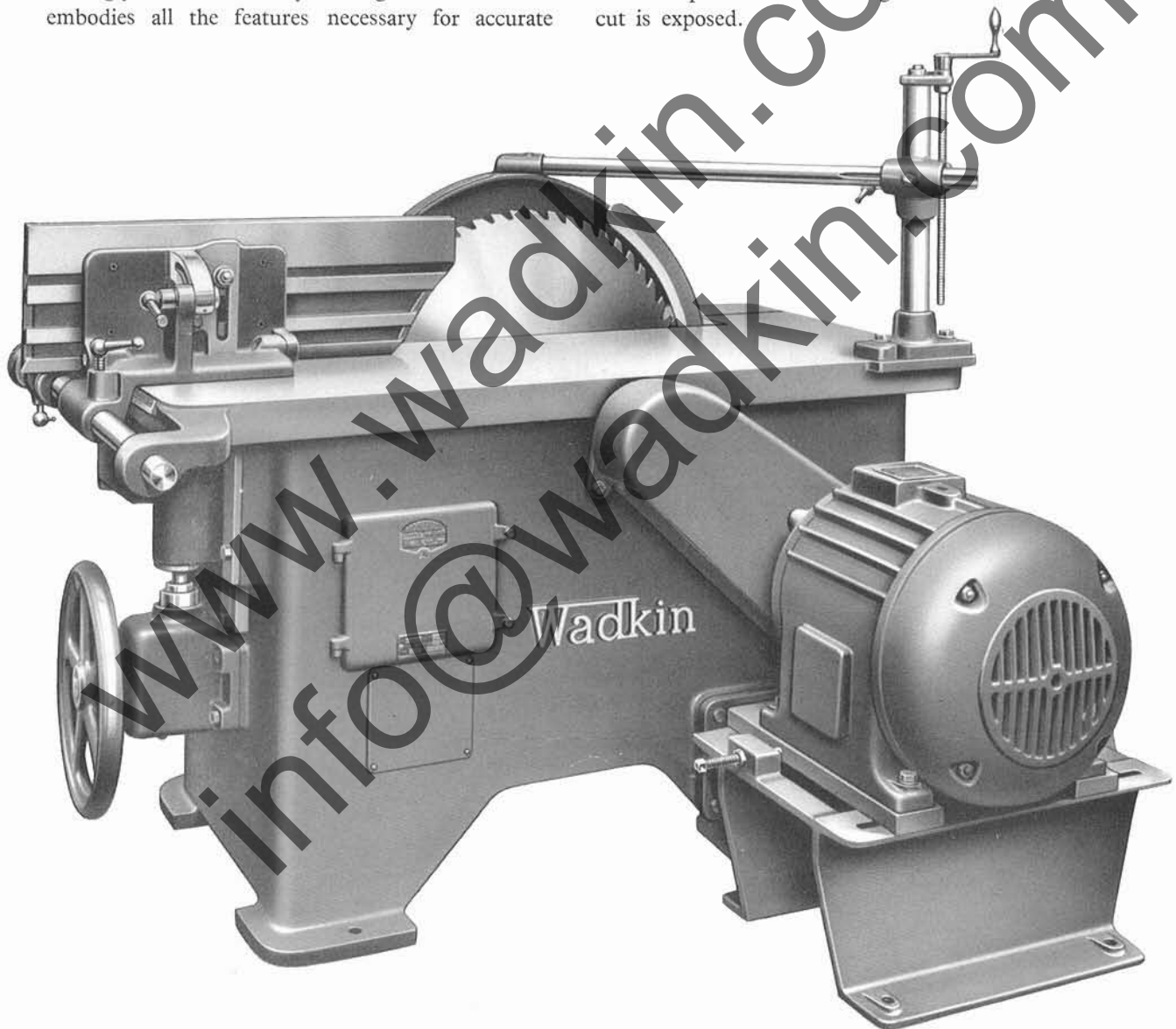
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As sawing is in most cases the first operation in wood working, it is most essential that the saw bench should be capable of accurate work in order to obviate unnecessary machining in the subsequent operations.

A careful perusal of these pages will prove convincingly that we are really offering a machine which embodies all the features necessary for accurate

and economical sawing, large output and continuous service.

We guarantee this machine to conform with the latest Factory Acts. It is indeed so well guarded, both above and below the table, that only the portion of the saw immediately in front and equal to the depth of timber being cut is exposed.





Features

1. Heavy type ball bearings to saw spindle.
2. Main body designed without panels to protect operator from accident.
3. Loose plates and other makeshift arrangements to meet the Factory Acts regulations are not required.
4. The body is so shaped that the sawdust can be raked out whilst the machine is running, without the slightest danger or possibility of accident.
5. Large and heavy table provided with scale for quickly setting the fence.
6. Rigid fence cants 45 degrees and can be turned over clear of table.
7. Raising and lowering motion to saw table is controlled by screws and gears protected from dust and chips.
8. Saw guard cover is raised and lowered by screw motion and can be turned out of the way for convenience in changing and sharpening saws.

Specification

Main Frame

The main frame is designed to conform with Factory Acts for safety regulations. The body has solid sides (without panels) which are carried down well below the saw. It is so shaped that the sawdust can be cleared without danger whilst the saw is running.

is 45 tons tensile. On the rising and falling table machine, solid grooving saws up to 1" wide can be accommodated.

The Table

The table is accurately machined and fitted with a removable gap plate. It is specially wide between the front edge and saw and is provided with a scale for quick setting of fence. Table is grooved for receiving a cross-cutting and mitring fence.

Raising and Lowering

A slide is fitted at each end of main frame for the rise and fall motion on the table which is actuated by screws and gears well protected from chips and sawdust.

Saw Guard

The saw guard above the table fully meets the Factory Acts. The saw cover is raised and lowered by screw motion. It can also be turned out of the way for convenience in sharpening and changing saws.

The Fence

The fence is strong and rigid and arranged with quick adjustment by hand across the table also with fine screw adjustment. It will cant up to 45 degrees, and the sliding front plate is adjustable to suit various diameters of saws. It can be turned over, leaving the table clear for cross-cutting.

Riving Knife

The riving knife is curved on its front edge to suit the diameter of the saw, and is fixed in a very rigid manner. It is adjustable to suit different sizes of saws.

Saw Spindle

The saw spindle runs in heavy ball bearings mounted in dustproof housings. The steel used

The Drive

The drive is by multiple vee belts, with the motor at the back of machine. Control, in the case of alternating current, is of the automatic contactor type operated by push buttons.



Principal Dimensions and Capacities

Maximum depth of cut	...	...	...	...	12"	305 mm.
Size of table	...	...	...	...	5' 2" × 2' 6"	1570 × 760 mm.
Minimum height of table from floor	...	...	...	...	2' 7"	790 mm.
Maximum rise and fall of table	...	...	...	...	6"	150 mm.
Distance from front of table to saw	...	...	...	...	12"	300 mm.
Maximum distance between saw and fence	...	...	...	...	15½"	390 mm.
Fence plate 2' 4" (710 mm.) long, 9" (230 mm.) high, cants to 45°						
Speed of saw spindle in r.p.m.	...	...	...	...	1240	
Approximate floor space	...	...	...	...	5' 6" × 4' 6"	1680 × 1370 mm.
Speed of motor in r.p.m. on 50 cycles	...	...	...	...	1500	
Speed of motor in r.p.m. on 60 cycles	...	...	...	...	1800	
Horse power of motor	...	...	...	...	15	
Net weight in cwts.	...	...	...	...	17¾ (1990 lb.)	900 kg.
Gross weight in cwts.	...	...	...	...	20¼ (2270 lb.)	1270 kg.
Approximate shipping dimensions in cubic feet	...	...	...	...	76	2.15 m³.

Details included with the machine

Canting ripping fence ; Adjustable saw guard and riving knife ; One set of spanners ;
One lubricating pump ; One set of saw packings.

