Principal Dimensions and Capacities

	30″ Machine for Alternating Current Supply	36″ Machine for Alternating Current Supply
Self-contained Electric Drive		
Diameter of saw wheels	30″	36″
Width of saw wheels	1¾″	2″
Maximum width of saw which can be used	1½″	1¾″
Maximum length of saw	17′ 0″	20′ 0″
Minimum length of saw	16′ 0″	19′ 0″
Depth of cut under saw guide	14″	18½″
Maximum width of material accommodated on the left of the saw	28″	34″
Size of table	2′ 8″×2′ 10″	3′ 0″×3′ 2″
Table cants 45° to right and 5° to left		
Overall height of machine	7′ 8¼″	8′ 8¼″
Height of table from floor level	2′ 11¾″	3′ 4¼″
Horse power of motor	3	5
Speed of motor for 50 cycle A.C. supply	720	720
Floor space	5′ 1″×2′ 11″	5′ 9″×3′ 2″
Net weight in cwts.	18½ (2072 lbs.)	21¾ (2436 lbs.)
Gross weight in cwts.	21 (2352 lbs.)	25¾ (2884 lbs.)
Shipping dimensions in cubic feet	78	114
Code Words: For alternating current supply	**Detes**	**Disis**
Multiple Vee Belt Electric Drive, for Direct Current, Single Phase and Metal Cutting Machines		
Net weight, including motor, in cwts. (approximately)	18¼ (2044 lbs.)	23¾ (2660 lbs.)
Gross weight, including motor, in cwts. (approximately)	22¼ (2492 lbs.)	29 (3248 lbs.)
Shipping dimensions in cubic feet (approximately)	90	126
Code Words: Machine with multiple vee belt drive and motor	**Dixus**	**Dusis**
Machine with multiple vee belt drive but without motor	**Dites**	**Dalas**
Belt Drive		
Speed of driving shaft in r.p.m.	720	720
Size of fast and loose pulleys	10″×4¼″	10″×4¼″
Horse power required	3	5
Floor space	5′ 1″×3′ 10″	5′ 9″×3′ 10″
Net weight in cwts.	16¼ (1820 lbs.)	21¾ (2436 lbs.)
Gross weight in cwts.	18¾ (2098 lbs.)	25¾ (2884 lbs.)
Shipping dimensions in cubic feet	78	114
Code Words: Standard belt drive	**Debes**	**Docas**
Machine with fast pulley only	**Dofas**	**Dasas**

Details included with the machine:

Ball bearing anti-friction guide above table.
Hard wood guide below table.
Guards for saw pulleys.
One set of spanners.
Lubricating pump and sample tin of ball bearing lubricant.
When self-contained electrically driven, motor and control gear is included.
When belt driven, fast and loose pulleys and belt shifting gear are supplied.

Governing and Joint Managing Director:
Sir Holland Goddard.
Directors:
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J. Martin Goddard. C. H. Morris.
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Wadkin

High Speed Band Saw, D.S.

Wadkin

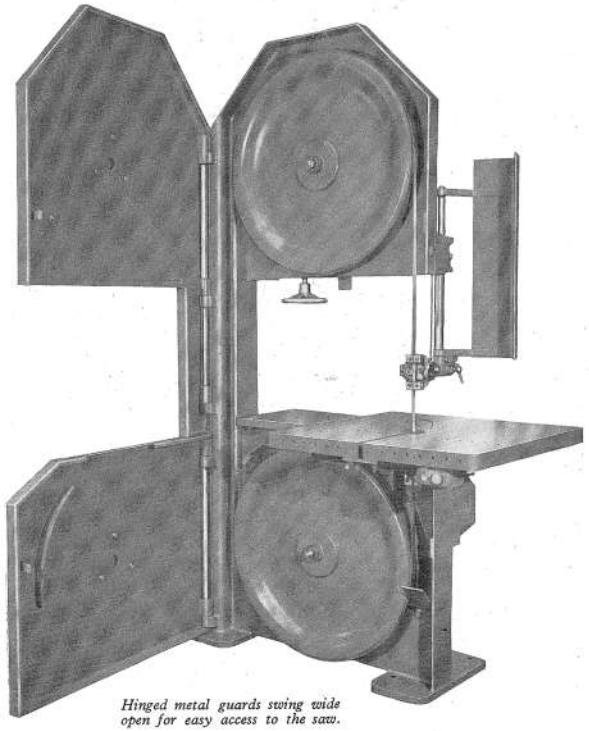
High Speed Band Sawing Machines, Type D.S.

with 30″ and 36″ wheels

The Wadkin D.S. type Band Saws have been specially designed to enable them to operate at speeds up to 1000 r.p.m.

Fast cutting speeds necessarily impose increased strain on the machine. The Wadkin Band Saw is, therefore, designed on unusually robust lines. It is of fabricated steel construction giving increased strength and rigidity essential for high speed operation.

The design includes many special features which not only ensure dependability but make the machine convenient to operate and more accessible.



Hinged metal guards swing wide open for easy access to the saw.

Whilst built primarily for use in woodworking shops, Wadkin Band Saws have been supplied for cutting a wide variety of different metals as well as numerous composition materials used in various industries. In this case the speed of the saw would be governed by the material to be cut, and where the speed of the standard machine shown on page 3 is unsuitable an alternative electric drive, by multiple vee belts from motor mounted on slide rails at the rear of the main frame would be provided to give the correct cutting speed.

Features

1. *Hinged metal guards totally enclosing saw wheels.*
2. *Sensitive spring tension device. Correct tension indicated by scale.*
3. *Steel disc wheels for true running.*
4. *Heavy ball bearings to top wheel.*
5. *Convenient tracking lever and lock.*
6. *Hinged metal saw guard rising and falling with ball bearing guide*
7. *Ball bearing guide can be fitted below table in place of the standard plain guide.*
8. *Large table cants on quadrant with improved locking mechanism. Angles indicated by scale. Table is prepared to take fences.*
9. *Built-in control gear.*
10. *Built-in totally enclosed fan cooled motor (Patent applied for) fitted with powerful brake.*
11. *Massive main frame of fabricated steel construction.*
12. *Substantial top wheel support.*
13. *Heavy slideways for rise and fall of wheel.*
14. *Dust exhaust.*