

# technical specifications

All models are fitted with cutaway disc blades 500mm in diameter and 6mm thick. Disc spacing is 250mm on both front and rear gangs giving a net disc spacing (between front and rear gangs) of 125mm.

## Mounted Machines - 'DD' Lite rear roller

Working Width	Transport Width	No. of Discs	Weight Kgs	Power Req. hp
2.5m	2.5m	18	1,525	70-90
3.0m	3.0m	20	1,750	80-100
4.0m	4.0m	30	2,440	110-140
4.0m	3.0m	32	2,920	125-150

**Optional Extras** • OSR Applicator Kit • Trailing kits for 4.0m models

## Trailed Machines - 700mm diameter 'DD' rear roller

Working Width	Transport Width	Tyre Size (6 stud)	No. of Discs	Weight Kgs	Power Req. hp
4.6m	2.95m	500/50-17	36	5,542	140-160
5.5m	2.95m	500/50-17	44	6,350	160-180
6.6m	2.95m	500/50-17	52	7,570	200-220
8.0m	2.95m	500/50-17	62	11,500	300-350
10.0m	2.95m	500/50-17	80	14,000	350-400

**Optional Extras** • Track eradicators (not on 8 and 10m models)  
 • Rear drawbar with hydraulic services (not on 8 and 10m models)  
 • Following Harrow • OSR Applicator Kit • Brakes - Hydraulic or Air

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PROFIT THROUGH INNOVATION



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High speed shallow cultivations  
 from 2.5 metre to 10 metre working widths

X-PRESS

X-PRESS

# High speed cultivations with the perfect finish

X-PRESS

The Simba X-Press is a compact disc harrow with an integrated press roll. The resultant machine is therefore a very versatile implement, which is designed to perform shallow cultivations at high speed, combined with very effective consolidation.

It can be used in reduced cultivation systems to incorporate stubble or to work down ploughing in more conventional systems.

Available in 2.5m, 3m and 4m mounted machines and 4.6m, 5.5m, 6.6m, 8m and 10m as trailed units. The power requirement starts at 70hp.

One of the key design features of this range of machines is the ability to vary the angle of the discs. This not only ensures penetration in hard conditions (thus eliminating the need to carry large amounts of ballast weight). It also enhances the flexibility of the machines for different applications. The X-Press is an excellent entry level machine for these reasons.

Like all Simba machines it features the latest innovations such as 'DD' rings, which combine together to give you an efficient well built machine with unrivalled reliability.



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## Flexibility - Variable Gang Angling

A turnbuckle allows quick and easy adjustment of the gang angling (both front and rear, between 10-25°) to ensure penetration. An acute angle ensures that maximum mixing of stubble is achieved in one pass, whereas a shallow angle is often employed to 'chop down' ploughing as and when required.



## Consolidation

Consolidation is quite simply the key to most operations and should not be compromised. With penetration achieved by means of gang angling and not by transferring weight from the rear roller to push the discs into the ground, the X-Press delivers in this respect. The 'in line' rear roller also ensures that the consolidation is uniform across the field.

## Trash Clearance

The X-Press has been designed with a massive amount of clearance within both trailed and mounted machines to ensure that it will operate in conditions with high volumes of trash. On the trailed units the front and rear discs are over 0.8m apart with the 'DD' rollers a further 0.6m behind the rear discs.



## Stone Protection

Pro-Active disc units are fitted as standard on all models of the X-Press to give improved protection against stone damage. The chrome vanadium steel mounts, with a trip height of 130mm, also give improved contour following whilst maintaining a consistent depth at high forward speed.



## Operating Speed

High output is the hallmark of an X-Press with sufficient inbuilt weight (around 1.1 tonne/m on trailed machines) high forward speeds of 8-12kph do not result in the machine riding out, instead the desired depth is maintained at these speeds.



## Rear Rollers

The 'DD' ring technology is now well proven offering unsurpassed performance and reliability. The corrugated finish left by this type of roller is weatherproof in wet or dry conditions. The mounted X-Press features the new 'DD' Lite roller which delivers all the benefits of the original 'DD' rollers with the added benefit of it being a lot lighter (130kgs/m) which is

40% lighter than the DD roll fitted to the trailed units. This in turn makes it ideal for lower hp tractors. On the trailed units the 700mm diameter 'DD' roller comes as standard allowing operation on all soil types.

## Headlands

Because of the 'in line' rear 'DD' roller on trailed machines, the X-Press can be tilted rearward during headland turns. By doing this the discs are lifted clear of the ground to avoid the risk of overworking the headland.

## Rape Establishment

A number of rape applicators have been fitted to X-Presses by farmers to cut the cost of establishing this crop. Generally, seed is blown down at the rear of the 'DD' roller with a following Cambridge Roll being towed in tandem.

## Ease of Transport

Movement from field to field or along the road is safe and simple. The 4m FW mounted unit folds hydraulically as do all the trailed units. The fold procedure on the trailed units avoids the need to move the tractor forward and backwards so saving time and allowing any following implement to be towed in tandem during transport as well.



## Following Implements

An optional rear drawbar on trailed X-Presses allows a following implement such as a Cambridge Roll to be used in tandem. (Not on 8 and 10m machines)



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