

'C' SERIES DISC HARROW

12C

DISC HARROW



| Working Width | Transport Width | Disc Blades | | HP Req. |
|---------------|-----------------|-------------|------|---------|
| | | Front | Rear | |
| 3.0m | 3.2m | 14 | 12 | 80/110 |
| 4.4m | 3.0m | 22 | 18 | 120/140 |
| 5.3m | 3.0m | 27 | 22 | 180/220 |
| 6.1m | 3.0m | 30 | 25 | 200/250 |

- Front gangs fitted with 610mm (24") diameter blades spaced at 200mm (8"), blade weight 95kgs.
- Rear gangs fitted with 660mm (26") diameter blades spaced at 250mm (10"), blade weight 115kgs.
- Tyre sizes 400/60 x 15.5 on 6 stud hubs.
- Hydraulic angling front gang.

23C

DISC HARROW



| Working Width | Transport Width | Disc Blades | | HP Req. |
|---------------|-----------------|-------------|------|---------|
| | | Front | Rear | |
| 3.27m | 3.5m | 12 | 11 | 140/160 |
| 4.4m | 3.0m | 17 | 15 | 190/200 |
| 5.4m | 3.0m | 21 | 19 | 250/300 |
| 6.15m | 3.0m | 23 | 21 | 280/330 |
| 6.72m | 3.0m | 29 | 23 | 300/370 |

- Front gangs fitted with 700mm(28") diameter blades spaced at 250mm (10"), blade weight 135kgs.
- Rear gangs fitted with 750mm (30") diameter blades, spaced at 300mm (12"), blade weight 165kgs.
- Tyre sizes: 3.27m 400/60 x 15.5, 6 stud hubs, 6 stud hubs
4.4m - 5.4m 18 x 19.5, 6 stud hubs
6.15m - 6.72m 700/50 x 2.25, 6 stud hubs
- Hydraulic angling front gang.

34C

DISC HARROW



| Working Width | Transport Width | Disc Blades | | HP Req. |
|---------------|-----------------|-------------|------|---------|
| | | Front | Rear | |
| 3.27m | 3.5m | 10 | 9 | 160/180 |
| 4.9m | 3.0m | 16 | 14 | 230/300 |
| 6.54m | 3.0m | 21 | 28 | 330/380 |

- Front gangs fitted with 750mm (30") diameter blades spaced at 300mm (12"), blade weight 200kgs.
- Rear gangs fitted with 800mm (32") diameter blades spaced at 375mm (15"), blade weight 250kgs.
- Tyre Size: 3.27m 400/60 x 15.5 stud hubs.
4.9m 18 x 19.5, 6 stud hubs
6.54m 700/50 x 22.5, 8 stud hubs
- Hydraulic angling front gang

YOUR LOCAL SIMBA DEALER:



PROFIT THROUGH INNOVATION

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'C' SERIES DISC HARROW



PROFIT THROUGH INNOVATION



Primary and secondary cultivation from
75 - 230mm deep

'C' SERIES DISC HARROW

Synonymous with strength, reliability, low running costs and minimal depreciation



Simba started manufacturing Disc Harrows over 30 years ago, and during this time the Simba Disc Harrow has become synonymous with strength, reliability, low running costs and minimal depreciation.



The range has constantly been improved over the years as applications have changed and tractors have increased in size. It is also common today to use a Disc Harrow in tandem with a suitable Press or sometimes a Cambridge Roll to produce a weatherproof finish at the time of cultivation.

EVOLUTION & CONCEPT

The 'C' Series Disc Harrows represent the latest thinking by Simba as the Company strives to improve the operational efficiency of each machine and thereby reduce the number of passes.

Whilst the 'C' Series Disc Harrows retain all the proven features of conventional offset discs, these machines differ in that they are fitted with front and rear gangs of a dissimilar specification. The rear gangs are fitted with larger blades which are spaced further apart and therefore have a much greater blade weight.



OPERATIONAL BENEFIT

The 'C' Series Discs perform a progressive cultivation with the rear gang, with its greater blade weight working deeper than the front gang. In doing this the rear gang acts like a rudder eliminating any crabbing and reducing the power requirement. Additionally this configuration offers a more efficient chopping and mixing action since both gangs are working into a firm profile.

| Range | Application | Power Requirement |
|-------|--|-------------------|
| 12c | Primary and Secondary cultivations on light soil types 75-100mm (3-4") | 30 h.p./m |
| 23c | Primary cultivations and incorporation of crop residue 75-175mm (3-7") | 45 h.p./m |
| 34c | Primary cultivation including incorporation of crop residue 125-230mm (6-9") | 55 h.p./m |

In wet conditions there are notable benefits with this design concept since all models have a blade spacing on the rear gang at least 20% wider than the front gang. This ensures that these machines will operate in much moister conditions than conventional disc harrows, key in damper autumns.



Whilst the rear gang ensures that the desired depth of operation is achieved the narrower spacing on the front gang limits the clod size. In other words more of a total cultivation and mixing is possible in one pass. The differential working depths also reduces the risk of panning.

All in all the 'C' Series offer significant benefits over the conventional disc harrows with no disadvantages.

FUNCTIONAL BENEFITS

All models in this range are fitted with road lights and reflectors, which comply with European regulations and offer safer road travel.

Hydraulic wing locks on all folding models offer quick and easy movement from field to field and the hydraulic lock offers impact protection during operation.

Hydraulic gang angling allows easy adjustment for varying soil types or trash levels and large flotation tyres and a positive depth control system further enhance the standard specification.



Twin lift cylinders on the axle assembly, together with a heavy duty top frame and rear drawbar assembly, allows the use of heavy presses in tandem with the disc harrows.



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