

Making the most of your Front Press

FRONT PRESS CULTIVATION OPTIONS

With hundreds of HE-VA Front Presses working in the field, continuous dialogue with farmer and contractor users has enabled HE-VA to develop the full potential of the presses adding various cultivator options to meet changing demand.



The Shattapress concept was derived from the very successful Shattaboard which turns a standard set of Rolls into an all round cultivator. Adding the Shattaboard and turning your Front Roller or Front Pakker into a Shattapress dramatically improves levelling

and consolidation in front of the drill and therefore improves consistency of germination and establishment of the crop.

The Shattaboard paddles break down clods and level rough seedbeds before the Front Press improving the consistency of consolidation once the press has been across the land. For heavier ground where the standard plate is not enough, the Shattaboard can be fitted with slicing plates to cut and fissure clods more effectively.



The Front Harrow with two rows of adjustable S-Tines is designed to work in conjunction with any of the Front Press's on land that has been levelled but needs more cultivation before the drill, the depth the tines work at is adjusted on two winding spindles allowing fine alterations to be made.



Maximise the cultivation action of rigid Front Roller Presses by adding a double frame - Shattaboards and front tines and you have the ability to work all but the heaviest soil types.



The Shattaboard blades can work individually but the levelling effect is increased with the addition of the optional locking bars to convert the individual springs into a complete "board" for full width action.

The optional Shattaboard edge plates can be fitted to help keep certain soil types from ridging either side of the press.

All machines that incorporate a Shattaboard have hydraulically adjustable paddle angle so that the aggressiveness can be adjusted on the move or the paddles lifted out of work completely if the conditions dictate.



The numbered gauge that can be viewed from the tractor seat sets the angle of work for the conditions in hand.

FRONT ROLLER SPECIFICATIONS

Working Width m	Type	Transport Width m	Ring Type	Ring Diameter mm	No. of Rings	Weight
1.5	Rigid	1.5	V-Profile	600mm	12	570
3		3	V-Profile	600mm	23	970
4		4	V-Profile	600mm	31	1385
3		3	V-Profile	700mm	18	970
4	Hydr. Folding	4	V-Profile	700mm	24	1385
4		2.4	V-Profile	600mm	30	1535
5		2.4	V-Profile	600mm	38	1805
6		2.4	V-Profile	600mm	46	2170
4		2.4	V-Profile	700mm	24	1535
5		2.4	V-Profile	700mm	30	1805
6	2.4	V-Profile	700mm	36	2170	

FRONT PACKER SPECIFICATIONS

Working Width m	Type	Transport Width	Ring Diameter	No. of Rings	Weight
1.5	Rigid	1.5	700mm	10	680
1.5		1.5	800mm	10	890
1.65		1.65	900mm	10	1140
3		3	700mm	18	980
3		3	800mm	18	1420
3		3	900mm	17	1940
4	Hydraulic	4	700mm	24	1280
4		4	800mm	24	1840
4		4	900mm	23	2415
4		2.4	700mm	24	1430
4		2.4	800mm	24	1990
4		2.4	900mm	21	2580
5	Hydraulic	2.4	700mm	30	1655
5		2.4	800mm	30	2350
6		2.4	700mm	36	1875
6		2.4	800mm	36	2695

Working Width m	Transport Width m	Front Harrow		Shattaboards		Slicing boards		Locks kgs
		No. Tines	Kgs	No. Tines	Kgs	No. Tines	Kgs	
2.6	2.6	15	158	10	185	10	185	30
3	3	17	177	12	205	12	205	35
4	4	23	254	16	260	16	260	47
4	2.4	23	275	16	460	16	460	51
5	2.4	29	330	20	515	20	515	55
6	2.4	35	397	24	570	24	570	71

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Due to our company policy of continual improvement we reserve the right to change specifications without notice. E. & O.E.

HE-VA Front Press Range

- Leading by design





The V-Profile press showing the Shattaboard lifted from work. This board is hydraulically adjustable from the tractor seat.

HE-VA Front Roller

Effecting crushing and consolidation to create the ideal seedbed

V-Profile

The V-Profile Front Roller incorporates the pressed steel castellated V-Profile ring developed for the Disc Roller and is available in 600mm and 700mm.

It gives optimum consolidation while having a sharp rib to maximise clod crushing.



The ring spacing is 125mm (600mm) and 150mm (700mm) with a scraper between each ring to give full width consolidation on light and heavy land alike but leave some loose friable tilth for the drill behind to work with.

The rings can turn individually but are linked by a series of lugs that ensure they all drive together and continue to turn in wet and sticky conditions.

The press comes in a standard form as the 'V-Profile Front Roller' or in Shattapress form with a front Shattaboard to level, work down and consolidate in front of the V-Profile rings.

The Press is available in a rigid format with working widths of three or four metres or in hydraulic folding four, five or six metre versions.



Add the full width Shattaboard and turn the Front Roller into a Shattapress to increase the cultivation action, improve levelling and save time and money preparing the ideal seedbed.

All HE-VA Front Presses give you...

Category II three point linkage headstock with integrated steering system.



STEERING

The long Press headstock becomes an extension of the front of the tractor when attached and hence the press is actually trailed rather than pushed ensuring that it follows the nose of the tractor steering smoothly even at speed. The steering rollers (pictured below) self centre the press to prevent it swaying around when lifted to turn on the headland or in transport.

HEAVY DUTY HEADSTOCK

As with all HE-VA machines, the headstock is designed to cope with the heaviest ring combination and attachment of a front tine or Shattaboard cultivator.



The Shattaboard paddles can work independently or be interlocked with a connecting rod system harnessing their combined strengths to improve levelling while the boards themselves cultivate and consolidate.

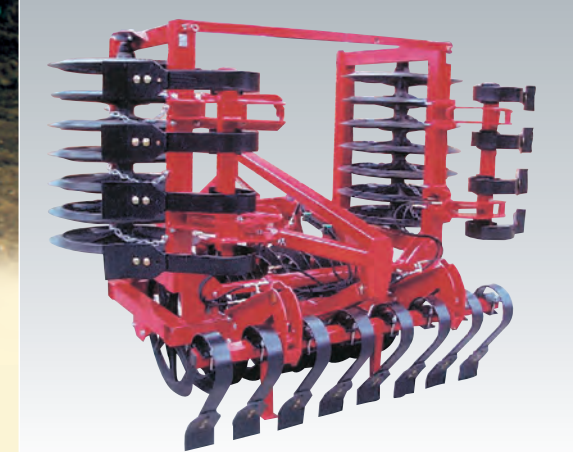
The aggressiveness of the Shattaboard is hydraulically adjustable from the tractor seat, with a simple setting scale for the tractor driver to work from.

Individual spring steel scrapers extend virtually to the hub of the ring ensuring the press keeps turning even in the wet



HE-VA Front Pakker

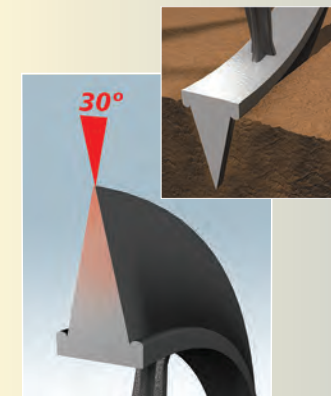
Cuts its way through the clods and consolidates on heavy or light land



Sharp 30 degree Front Pakker rings give an excellent cutting action whilst having the weight to consolidate in front of a powered or passive drill combination. The 150mm to 165mm spacing between rings ensures there is some friable soil left for the drill to work. Whichever size of Pakker ring you chose to suit your land they all employ a unique shoulder design which prevents the rings from sinking in too much on light land and still allows the aggressive 30 degree edge to do its work on heavier ground.

The HE-VA Front Pakker comes in a choice of 3 ring sizes. The option of the heavier 800mm and 900 mm profiled rings, which have relatively low rolling resistance, alongside the more common 700mm diameter means you can chose the correct ring for the weight required rather than have to add weight to smaller rings increasing the horsepower required to work them. Furthermore, the overall weight of the 800 and 900mm rings means better consolidation and more aggressive cultivation for heavy land farms. All Front Pakkers incorporate a cleaning chain between the rings to ensure the ring keeps working in wet sticky conditions.

SHOULDER PROFILE



The HE-VA Pakker ring profile offers superb cutting action with its 30 degree edge whilst at the same time controlling the penetration on lighter land with the shoulder at the base of the cutting edge. This improves consolidation and keeps the ring turning on lighter land without compromising the aggressive action needed for heavier land.

Full width levelling for the 1.5m Front Pakker

Fitting a 3m or 4m Shattaboard to a 1.5m Front Pakker allows the whole width to be levelled and cultivated whilst the 1.5m presses in-between the tractor wheels and the tractor wheels press the rest of the working width. This option is only available for the Front Pakker as the sharp pakker rings prevent soil in front of the Shattaboard from steering the press.

