

# Extra Equipment

## Front-Harrow

Suitable whether extra tillage, crust breaking or loosening of the soil is needed to achieve a better seedbed.



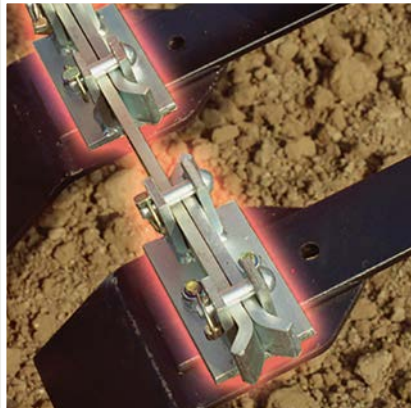
## Slicing Plates

Cuts and breaks the soil and clods much more effectively than the standard points on the Spring-Board. Used for heavier soil types.



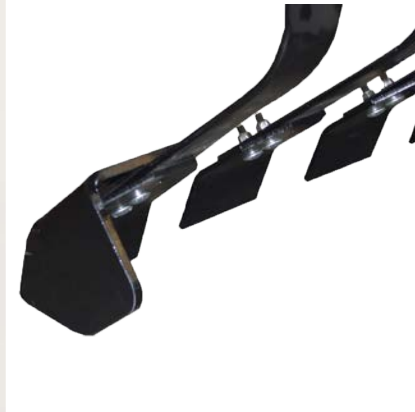
## Transv. Lock. System

The levelling effect of the Spring-Board is increased by locking the tines together, making it one complete "board". Easy to mount / dismount tine by tine.



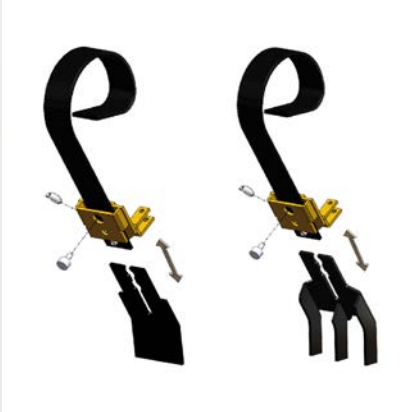
## Edge Equipment

To ensure that the soil is retained within the working width, edge equipment can be mounted on all Spring-Boards and Front-Harrows.



## Easy-Change

Easy-Change kit for quick change between normal plate on Spring-Board and crust breaker tip. Mounting on standard tine.



## Warning Boards

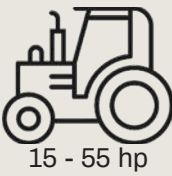
Detachable warning boards for safer driving.



## Specifications

Work Width, m	Type	Front-Harrow		Spring-Board		Transerse Locking System, kg
		Number of Tines	Weight, kg	Number of Tines	Weight, kg	
2.60	Rigid	15	158 - 183	10	185	30
3.00	Rigid	17	177 - 205	12	235	35
3.50	Rigid	20	201 - 234	14	255	41
4.00	Rigid	23	254 - 292	16	275	47
4.00	Hydraulic	23	275 - 314	16	460	51
5.00	Hydraulic	29	330 - 378	20	515	55
6.00	Hydraulic	35	397 - 455	24	570	71

# Technical Specifications



Work Width, m	Type	Transport Width, m	Ring Diameter, mm	Number of Rings	Power Req., hp	Weight, kg
1.50	Rigid	1.70	700	10	15	680
1.50	Rigid	1.75	800	10	15	890
1.65	Rigid	1.80	900	10	15	1,140
2.60	Rigid	2.60	700	16	20	866
2.60	Rigid	2.60	800	16	20	1,230
2.60	Rigid	2.60	900	14	20	1,685
3.00	Rigid	3.00	700	18	25	980
3.00	Rigid	3.00	800	18	25	1,420
3.00	Rigid	3.00	900	17	25	1,940
3.00	Rigid	3.00	700 / 800 / 700	18	25	1,160
3.00	Rigid	3.00	800 / 900 / 800	17	25	1,610
3.50	Rigid	3.50	700	22	30	1,160
3.50	Rigid	3.50	800	22	30	1,660
3.50	Rigid	3.50	900	19	30	2,120
3.50	Rigid	3.50	700 / 800 / 700	22	30	1,340
3.50	Rigid	3.50	800 / 900 / 800	19	30	1,750
4.00	Rigid	4.15	700	24	35	1,280
4.00	Rigid	4.15	800	24	35	1,840
4.00	Rigid	4.15	900	23	35	2,415
4.00	Rigid	4.15	700 / 800 / 700	24	35	1,460
4.00	Rigid	4.15	800 / 900 / 800	23	35	2,030
4.00	Hydraulic	2.55	700	24	35	1,430
4.00	Hydraulic	2.65	800	24	35	1,990
4.00	Hydraulic	2.75	900	21	35	2,580
4.00	Hydraulic	2.55	700 / 800 / 700	24	35	1,610
4.00	Hydraulic	2.65	800 / 900 / 800	21	35	2,180
5.00	Hydraulic	2.85	700	30	45	1,655
5.00	Hydraulic	2.95	800	30	45	2,350
5.00	Hydraulic	2.85	700 / 800 / 700	30	45	1,835
6.00	Hydraulic	2.85	700	36	55	1,875
6.00	Hydraulic	2.95	800	36	55	2,695
6.00	Hydraulic	2.95	700 / 800 / 700	36	55	2,095
1.50	TWIN - Rigid	1.70	700-700	15	15	975
1.50	TWIN - Rigid	1.75	800-800	15	20	1,185
1.65	TWIN - Rigid	1.80	900-900	13	20	1,590
2.60	TWIN - Rigid	2.60	700-700	21	20	1,380
2.60	TWIN - Rigid	2.60	800-800	21	25	1,740
3.00	TWIN - Rigid	3.00	700-700	24	25	1,570
3.00	TWIN - Rigid	3.00	800-800	24	30	2,010
3.50	TWIN - Rigid	3.50	700-700	30	35	1,610
3.50	TWIN - Rigid	3.50	800-800	30	40	2,290
3.50	TWIN - Hydraulic	2.55	700-700	29	35	1,780
3.50	TWIN - Hydraulic	2.65	800-800	29	40	2,460
4.00	TWIN - Rigid	4.15	700-700	34	40	1,890
4.00	TWIN - Rigid	4.15	800-800	34	45	2,665
4.00	TWIN - Hydraulic	2.55	700-700	32	40	2,070
4.00	TWIN - Hydraulic	2.65	800-800	32	45	2,845



# Front-Pakker

Stay in Front



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HE-VA reserves the right to make design and construction changes without notice

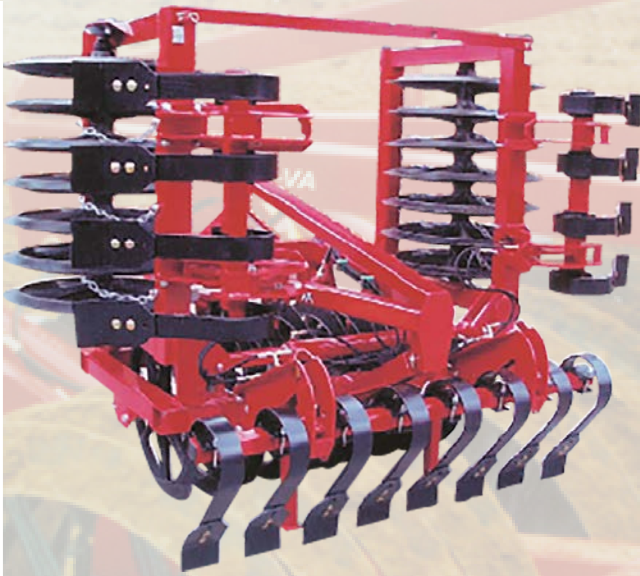




# Front-Pakker

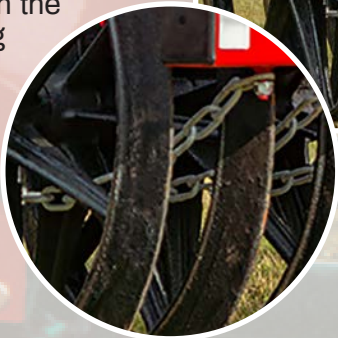
## Cuts its way through the clods and consolidates on heavy or light soil

Sharp 30° 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 packing ring you choose 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.



Front-Pakkers are available as 1.50 - 4.00 m rigid models or as 4.00 - 6.00 m hydraulic folding models.

All Front-Pakkers incorporate a cleaning chain between the rings to ensure the ring keeps working in wet sticky conditions.



### 700, 800, 900 mm rings

HE-VA Front-Pakker comes in a choice of 3 ring sizes or a combination of 2 different ring sizes for the maximum effect.



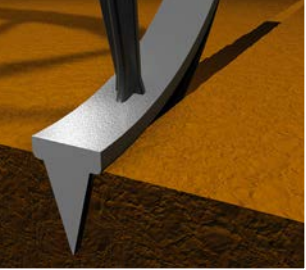
The 700 mm and 800 mm rings give good allround pressing on light, medium and heavy soils and yet have a low rolling resistance due to their weight to diameter ratio and the shoulder profile.

900 mm ultra heavy-duty rings are designed to crack, fissure and break down even the heaviest ground or give extra consolidation in light land.

Multi-ring combinations give you full width action with increased consolidation between the tractor wheels, so that when the tractor tyres have pressed the land, it is left evenly consolidated right across the width, presenting the drill with a more even seedbed and resulting in better crop establishment.

### Shoulder Profile

HE-VAs unique shoulder profile offers superb cutting action with its 30° edge whilst at the same time controlling the penetration 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 soil.



### Full Width Levelling



4,00 m Spring-Board for 1.65 m Front-Pakker has as standard mechanical change-over into a transport width of 2.85 m.



## On all front equipment you get...

Cat. II three point linkage with integrated steering.



### STEERING

With the integrated steering, the Front-Pakker 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 Front Equipment, the headstock is designed to cope with the heaviest ring combination and attachment of a front harrow or a Spring-Board.



### BUSHES

To increase the service life of the Front Equipment, It is equipped with bushes for pins, locked by the ring split.



### Press-Roller



Where a precisely uniform consolidation between the tractor's tyres and either side of the tractor wheels is requested, the Press-Roller with rubber wheels will be the ideal solution. The 4.00 m model is equipped with a wheel on both sides consolidating the soil outside the area where the tractor's wheels and/or twin wheels will consolidate.

Press-Roller is a self-governing wheel packer where the wheels are mounted on a 60 mm axle.

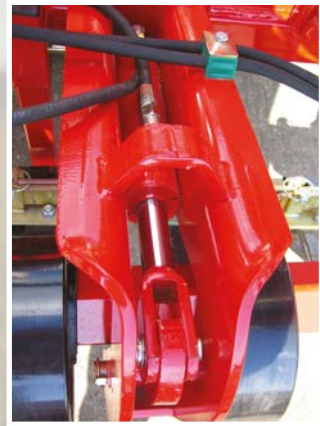
Can be equipped with weight console set for additional weight. The Press-Roller is available with Spring-Board, Front-harrow etc.

Work Width, m	Transport Width, m	Wheel Diameter, mm	Number of Wheels	Weight, kg
1.50	1.70	760	4	470
4.00	4.15	760	1+4+1	705
4.00	2.65	760	1+4+1	795

## Extra Equipment

### Spring-Board and Front-Harrow

For extra cultivation, levelling and consolidation add the Spring- Board or the Front-Harrow and you will save work, time and money.



All machines that incorporate a Spring-Board have hydraulic adjustment of the working depth, so that the aggressiveness can be adjusted on the move or the Spring-Board 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 or the conditions in hand.

