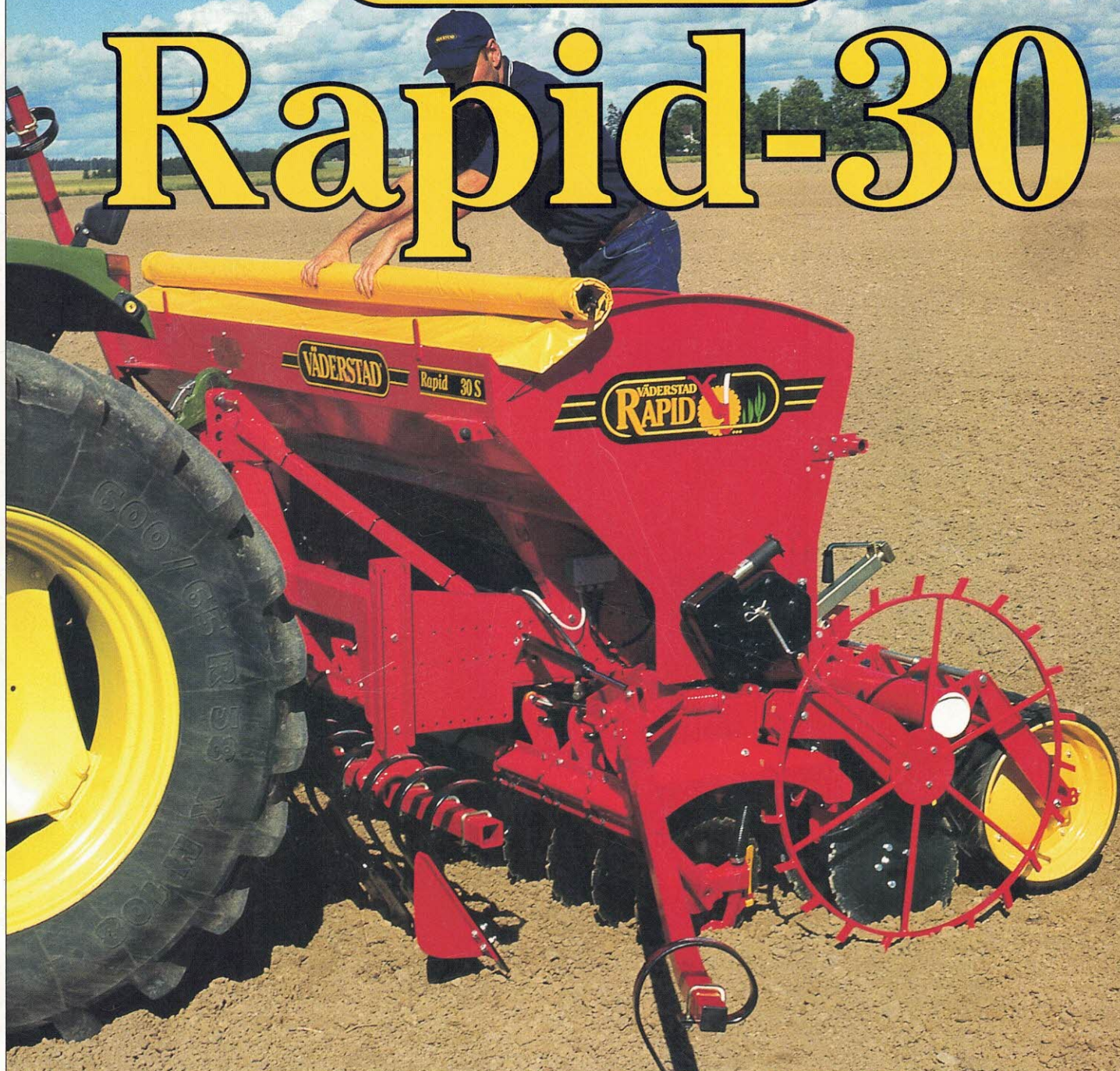


VÄDERSTAD

Rapid-30





Rapid-30 S

Outstanding capacity combined with the ability to drill in any circumstances is what makes the Rapid the superior forerunner in European farming. By introducing the all new Rapid – 30, this revolutionising technique is made available to the mid size arable growers allowing you to simplify operations and save on crop establishment.

Rapid – 30 Single needs a tractor around 90 – 100 Hp in order to utilise the full potential of this cultivator drill, a powerful tillage operation combined with excellent seed placement.

Large discs

The large drilling discs with a diameter of 400 mm are suspended by the well-known Väderstad rubber suspension system and the depth control is governed from the top of the soil by the rear wheels. The discs are slightly angled for better penetration and have an outstanding ability to perform well in all kinds of conditions, from direct drilling on to drilling into conventionally tilled soils. For establishing spring crops like malting barley, the Rapid-30 Combi is which the preferred model for exact fertiliser placement, a proven technique for better quality and increased yields.

4 hectare/filling

With a hopper capacity of 1300 litres, 4 – 5 hectares per filling is possible. In spite of its slim design, the Rapid-30 has an impressive volume and capacity. It also handles extremely well both while working and in transport on narrow lanes.



Gentle Wheels

The drilling depth is governed by the back wheels from the top of the soil via a patented linkage system hooked up to two discs and coulters in front of them. The great flexibility in the tyres together with the scrapers prevents them from building up, even in wet conditions.



Seedbed Preparations

Equip your Rapid-30 with a hydraulically adjustable Cross-board. A further row of adjustable Agrilla tines can also be added when needed. This way a powerful preparation of the seedbed can be achieved at the time of drilling.



Large Hopper

The large hopper, with a volume of 1300 litres, holds in the region of 900 kg of seed (wheat), to enable cover up of up to five hectares between filling. Considering that seed bed preparation and drilling can be done in one pass, large areas can be established in a very cost efficient way.



Consolidation

The large diameter soft wheels are consolidating at the same time as they govern the seed depth placement, with excellent precision. The drilling depth is easily adjusted with the crank on the back of the machine and monitored by a fixed scale. The following harrow finishes up the pass, creating a non evaporative surface.



Rapid-30 C/M

The Rapid-30 comes in three versions; Combi, Mix and Single. Regardless of which one you choose, you will have a cultivator drill capable of drilling into virtually any condition.

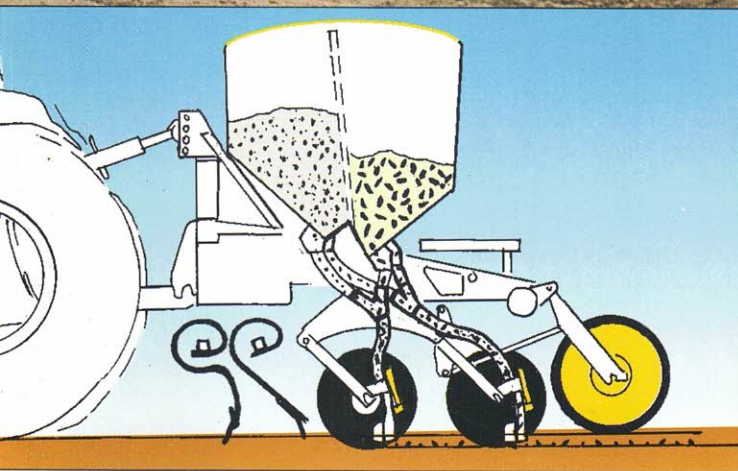
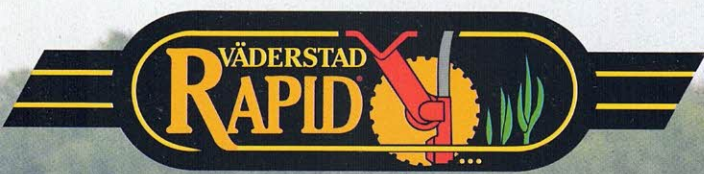
Added value with fertiliser placement

Numerous trials over the recent years show that fertiliser placement of nitrogen and phosphorus has a potential of considerable increase in yields. Autumn drilling with fertiliser placement can have a positive effect on winterising and certainly achieves stronger growth. Fertiliser placement in the spring not only increases the yields but is also an insurance against droughts.

The Rapid Concept

Multiple operations incorporated into one pass with the Rapid-30 form the basis of the Rapid concept. Seedbed preparation, fertiliser placement, drilling and rolling can be done in the same operation in virtually any condition.

A lifting capacity of 4500 kg is needed in order to smoothly operate a Rapid-30 filled with seed, this converts to a tractor around 100 – 110 Hp.



Mix

Rapid-30 can be equipped to put fertiliser and seed down the same spout. The metering is done with separate metering units for seed and fertiliser, which then is mixed down the coulters.



Adjustable Dividing Wall

The large hopper holds 1300 litres and comes with an adjustable dividing wall. The wall is easily adjusted according to the actual ratio of fertiliser and seed used. A drilling capacity, exceeding two hectares per filling, is possible. The dividing wall can be completely folded forward when using only seed, thus extending the capacity to five hectares between fillings.



Adjustable coulters

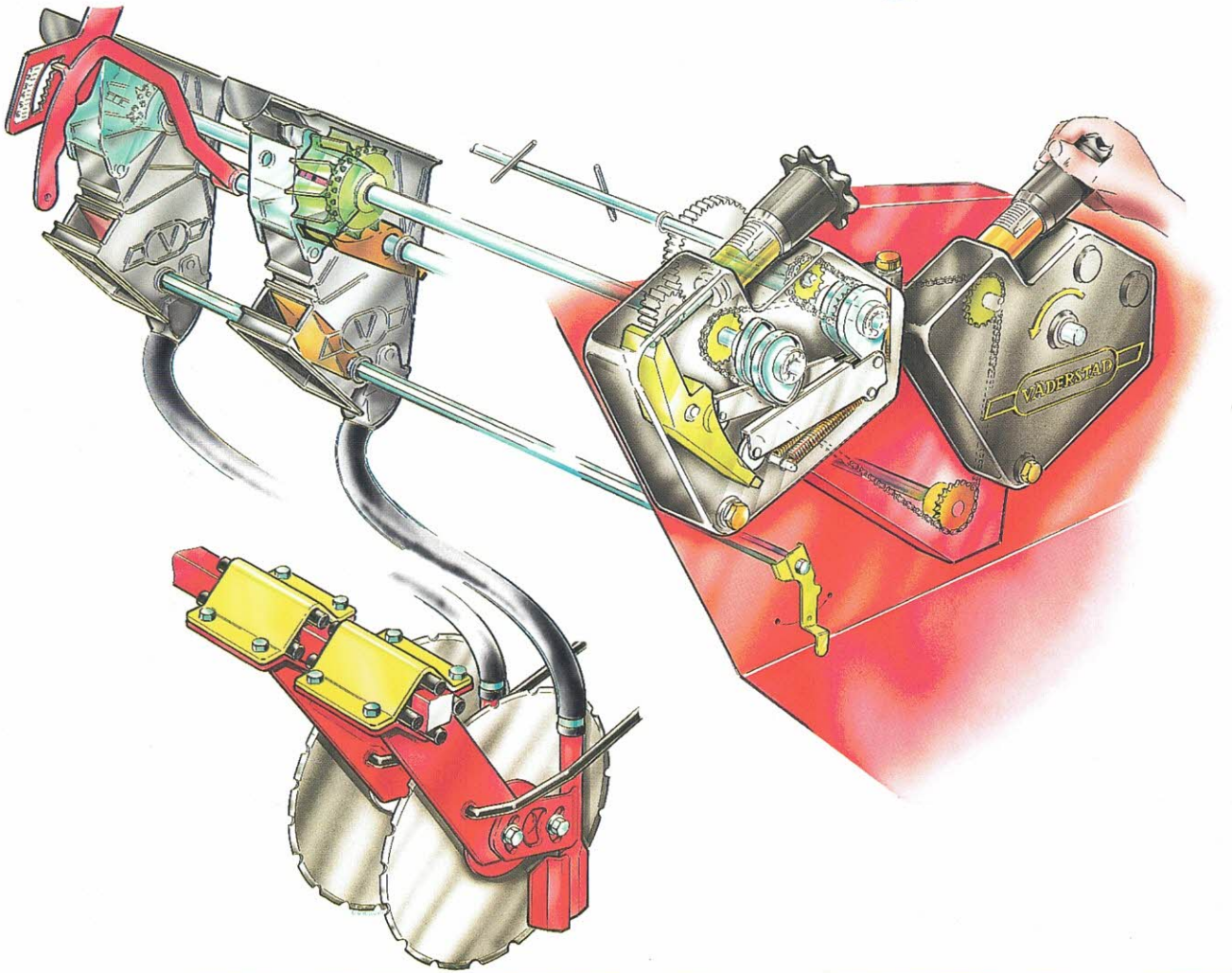
The coulters can easily be adjusted by hand in relation to the discs without any tools. The drilling depth is set centrally with a crank.



Narrow Marathon Points

The fertiliser is placed with extra narrow points equipped with tips made out of wolfram carbide steel. The fertiliser coulters are very ridged and only 20 mm wide for exact penetration in tougher soils. The depth is easily set with two cranks to the exact desired depth.

Precise metering



Precise metering system

The metering system designed in house by Väderstad provides an even and careful metering of cereals and small seed all the way down to 2 kg/hectare. The wide roller is disengaged when drilling small seeds thus enabling the fine seed roller to exactly meter out the small seeds.

Calibration

Calibration is made easily on the Rapid-30. The calibration trays which comes with the drill are placed under the metering wheels and the crank is attached to the gearbox. The seed rate is easily adjusted on the clear and visible scale, it will change in an almost linear way with the scale makes corrections simple. The calibration is done in the same easy manner both with fertiliser and seed.

Informative Control Box

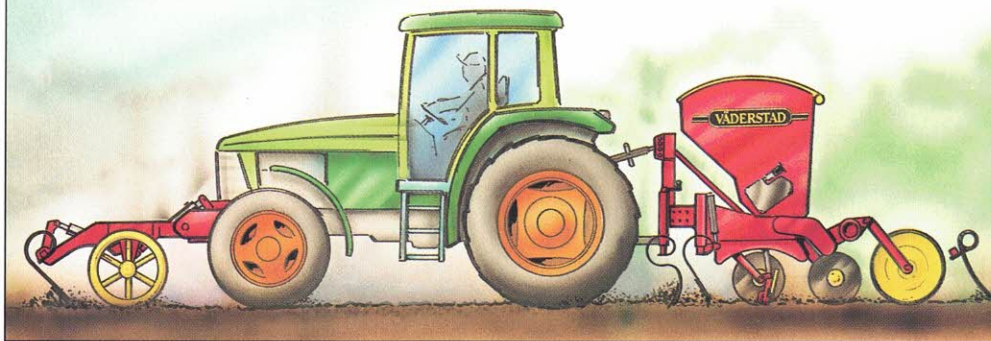
The control box gives the operator a clear understanding of the information of the monitoring operation as far as:

- Acreage
- Total Acreage
- Tramlining

The box is also equipped with an audible warning device and is well lit up in the dark. The bout markers are changed hydraulically on the spool valves.



The Rapid-30 concept



Front Attachments

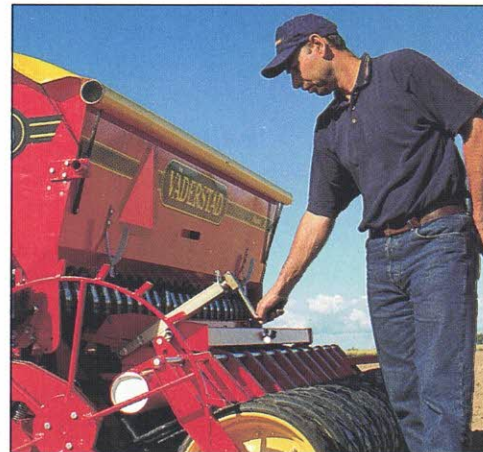
A roller or packer in combination with a Crossboard in the front linkage enhances the operation and adds to the tillage when needed, especially in dryer and harder conditions.

Wide Tractor

The tractor is preferably equipped with tyres to match the width of the drill for optimised tillage and consolidation.

Optimised Crop Establishment

Choose the right combination and type of Rapid-30 for your specific conditions.



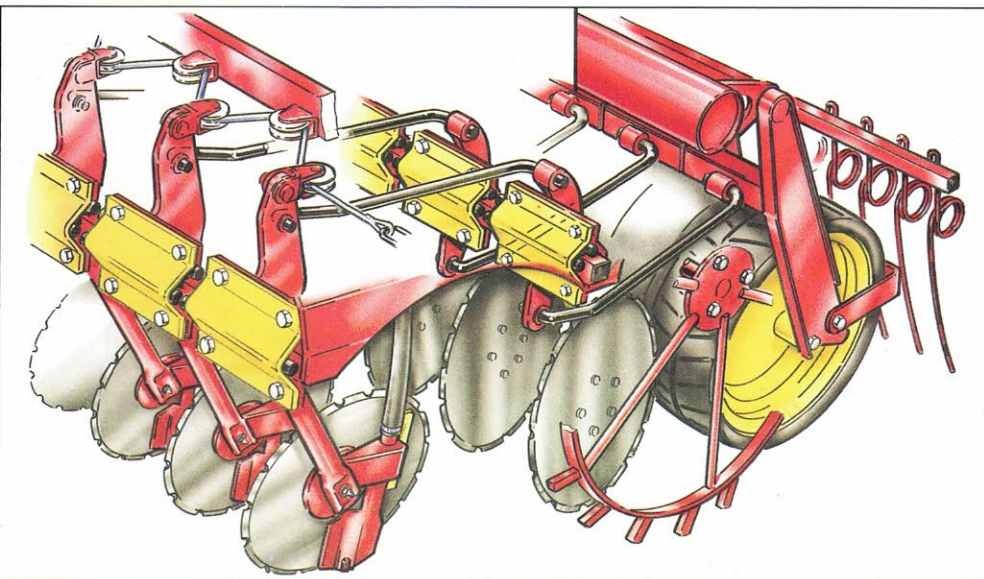
Precise Depth Setting

The depth is easily adjusted from the centrally located crank and indicated on the engraved scale.



Excellent ability to Follow the Contour

The Rapid-30 has an excellent ability to follow the contour and will place the seeds at the exact same depth in relation to the soil surface. The independent rear wheels always govern the discs and coulters.



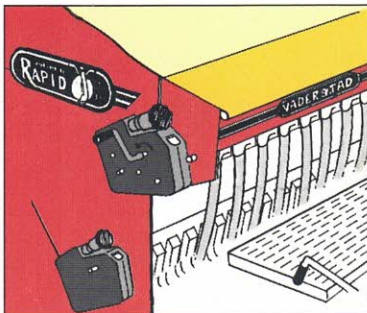
Coulter arrangement

All the coulters are independently suspended and held together by a strong steel cable. The design allows for great undulation in the width of the drilling whilst ensuring the same exact depth placement. The cable balances out the coulters whilst being virtually maintenance free.

Specifications:

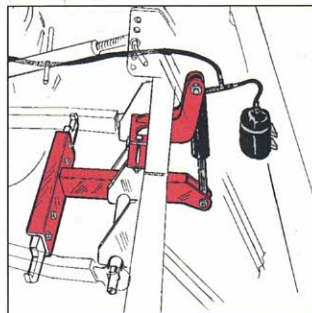
Model	Transport width m	Coulter pressure kg	Hopper capacity litres	Weight incl. CB Eh-10	Wheel dim	Spool-valves	Lifting capacity kg	Notes
RD-30 Singel	3,0	65	1300	1550	500 × 175 mm	o 8	4000	
RD-30 Combi	3,0	73	1300	1750	500 × 175 mm	o 8	4500	
RD-30 Mix	3,0	69	1300	1650	500 × 175 mm	o 8	4500	

S=only seed C=Combi M=Combi with mixed seed/fertiliser
C and M models comes with an adjustable dividing wall.



Grass Box

Equip your Rapid-30 with a Grass Box for grass establishment in combination with conventional drilling. The Grass Box holds approximately 200 litres. Note! The lifting capacity is increased by 500 kg when using the Grass Box.



Larger Super Rapid

The Super Rapid is designed with the larger cereal grower in mind. A three or a four metre Super Rapid is a high capacity machine with a large hopper holding up to 3700 litres. The machine can be optimised for cultivator drilling under any tough conditions. The optional system disc

makes it extremely versatile in everything from a no-till drilling situation to being operated on top of cultivated land or into large amounts of trash.

Please refer to the Super-Rapid leaflet.

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