

# SERVO

PÖTTINGER mounted reversing ploughs









# NONSTOP ploughing

## SERVO

### **SERVO ploughs are at home in fields all over the world**

The heavy-duty and intelligent design of PÖTTINGER ploughs ensures optimum distribution of force and strength at the points of the plough beam subject to the highest stress. The unique SERVOMATIC control centre on PÖTTINGER ploughs lets you easily adapt perfectly to all types of soil and the current operating conditions. A large selection of modern mould boards are available to match every soil type.

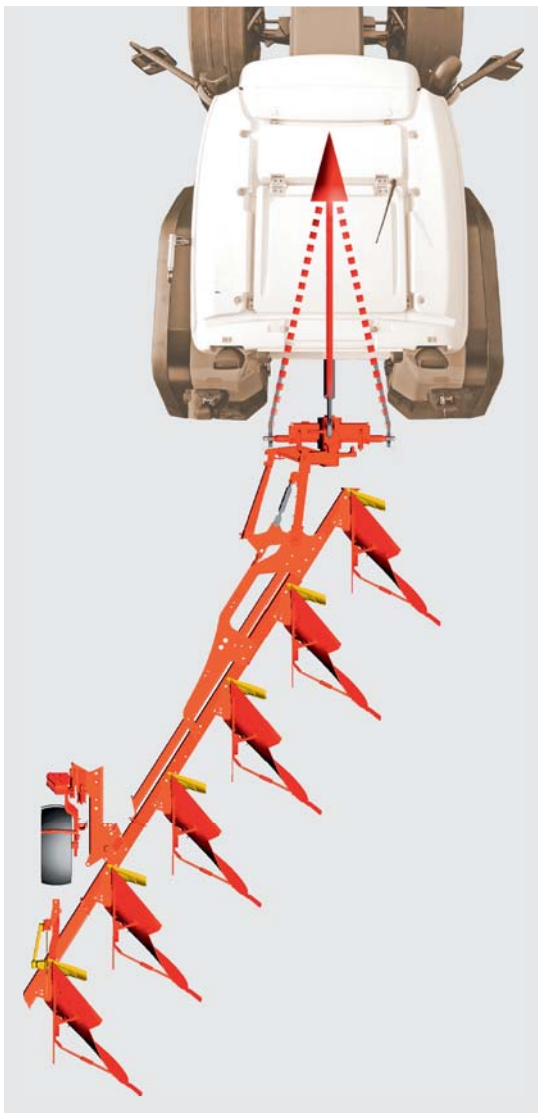
## Contents

	Page
SERVOMATIC setting system	4 – 5
SERVO PLUS furrow width adjustment	6 – 7
SERVO NOVA stone protection	8 – 9
SERVO overview	10
SERVO 25 / 35 / 35 S / 45 / 45 S	12 – 19
Components	20 – 21
Mould boards	22 – 25
Accessories	26 – 29
Technical data / Equipment	30 – 31



# SERVOMATIC

Unique precision control centre



**Setting up the plough correctly ensures smooth and productive ploughing. PÖTTINGER makes it easy to adjust the plough to the tractor and soil conditions using the SERVOMATIC control centre.**

## SERVOMATIC for SERVO ploughs with mechanical furrow width adjustment

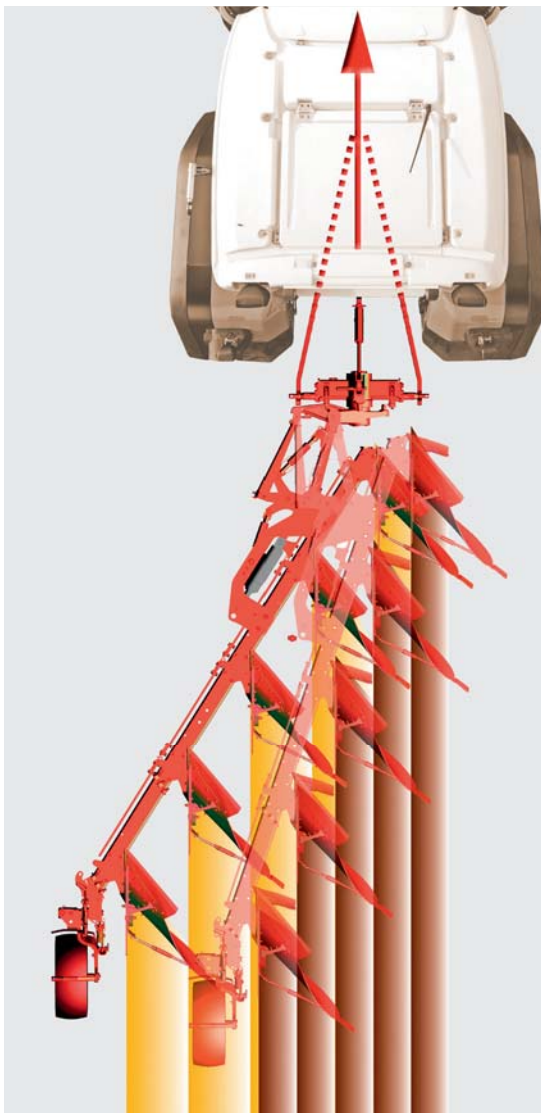
**The furrow width of the leading body and the pulling point can be adjusted separately with ease and precision.**

- Use the rear turnbuckle to adjust the furrow width of the leading body.
- Use the front turnbuckle to adjust the pulling point.
- The two functions do not influence each other.
- A few simple adjustments and the plough is set correctly the first time.
- No compensation or re-adjustment needed.
- The wide, infinitely variable range ensures a rapid match to all tractors and operating conditions.

**Optimum pulling point adjustment guarantees low landside pressure, resulting in less wear and low fuel consumption.**

# SERVOMATIC PLUS

Intelligent hydraulic adjustment system



## SERVO PLUS with hydraulic furrow width adjustment

**Different working conditions and soil structures require different pulling forces. With hydraulic SERVO PLUS furrow width adjustment the plough is always precisely matched to the soil conditions.**

- Optimum tractor efficiency and ploughing results at all times.
- All additional adjustments adapt to it correctly and automatically.
- Optimum adaptation to tractor power, slopes and field shapes.
- Easy ploughing of tight corners and headlands.
- Optimum fence line ploughing from three furrow models and above.

### **Durable construction**

All important pivot points have the ability to be lubricated and also have wear resistant, replaceable spring steel bushes for the highest pressure demands.





## Unique

### **Furrow width adjustment without lower linkage side to side movement.**

- The fine adjustment system makes it possible to set the ploughs head stock to different tractor lower linkage dimensions, even if they deviate greatly from the norm.
- When you set the furrow width, there is no need to adjust the front furrow width and pull line. The lower linkages remain parallel with no crabbing, essential for a straight furrow and consistent landside pressure at all furrow widths.
- The memory cylinder as the capability of two functions: Beam pivot system and furrow width – the plough is pivoted and rotated, then re-adjusted to the pre-selected furrow width.

### **SERVO PLUS adjustment system with lever control and pivot point located outside of the plough beam.**

- Smooth adjustment thanks to long adjusting lever.
- Protects the parallel linkage and pivot points.



The SERVO PLUS system is designed to allow hydraulic furrow width adjustment during ploughing. The hydraulic cylinder has a check valve so that the hoses are not under pressure during ploughing.



# SERVO NOVA

Hydro-mechanical stone protection



## NONSTOP ploughing in stony soil

**SERVO NOVA ploughs with stone protection gives maximum reassurance. Ploughing without stopping means full productivity even in stony soil.**

### **SERVO NOVA – ploughs with hydraulic stone protection**

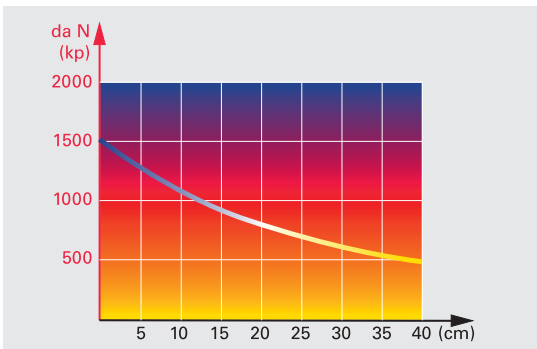
A hydraulic overload protection system with adjustable triggering force protects the plough against damage.

This system has a very clever triggering pressure system: The leg does not trip until the set resistance has been reached. Then the pressure required to trigger the leg reduces as the leg rises. This leads to no digging or loosing of big rocks and therefore protects the whole plough.

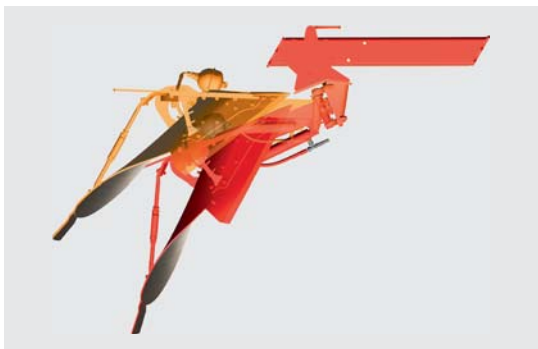
- On re-penetrating the soil, the pressure increases to ensure reliable penetration in heavy, dry soil.
- Set the trigger point quickly and easily using the pressure gauge on the headstock.

### **SERVO PLUS NOVA**

These talented performers with hydraulic furrow width adjustment and hydraulic trip leg system offer maximum reliability and flexibility.







## Proven system

With its variable hydraulic triggering pressure, the SERVO NOVA system adapts the plough to different soil types. Each pair of plough bodies has its own hydraulic accumulator which allows upward movement of up to 40 cm. The lubricated pivot points and additional shear bolts guarantee a long service life.

- The central filling system is standard on all SERVO NOVA ploughs.
- Smooth, flexible triggering protects both plough and tractor.
- The gas accumulators are mounted on the inside of the plough legs for protection.
- Spring mounted disc coulters roll over rocks without the risk of damage.

# SERVO technology

A SERVO for every farm



Tractor	kW hp	37	59	74	81	88	96	103	110	118	125	147	162	176	199
		50	80	100	110	120	130	140	150	160	170	200	220	240	270
<b>SERVO 25</b> <b>SERVO 25 NOVA</b>		2-furrow													
			3-furrow												
			4-furrow												
<b>SERVO 35</b>			3-furrow												
			4-furrow												
			5-furrow												
<b>SERVO 35 S</b>				4-furrow											
					5-furrow										
						6-furrow									
<b>SERVO 35 PLUS</b> <b>SERVO 35 NOVA</b> <b>SERVO 35 PLUS NOVA</b>			3-furrow												
			4-furrow												
<b>SERVO 35 S PLUS</b> <b>SERVO 35 S NOVA</b> <b>SERVO 35 S PLUS NOVA</b>				4-furrow											
					5-furrow										
						6-furrow									
<b>SERVO 45</b> <b>SERVO 45 NOVA</b> <b>SERVO 45 PLUS NOVA</b>						4-furrow									
							5-furrow								
<b>SERVO 45 PLUS</b>						3-furrow									
							4-furrow								
								5-furrow							
<b>SERVO 45 S</b> <b>SERVO 45 S PLUS</b>								4-furrow							
									5-furrow						
										6-furrow					
<b>SERVO 45 S NOVA</b> <b>SERVO 45 S PLUS NOVA</b>								4-furrow							
									5-furrow						





## The beam link – a central component

The conical shape of the beam link with wide spaced mounting on the reversing unit means it can absorb high torque loads.

The pins in the lubricated pivot points are equipped with anti twist locks this prevents excessive wear. Replaceable bushes in the reversing unit and bearing block pivot points guarantee a long service life.



## Beam pivot system available on standard ploughs

With wide furrows, long inter-body spacing and when lifting clearance is too low, the plough beam is hydraulically pivoted while reversing.

The overall plough width can be reduced for road transport and parking. The hydraulic cylinder has a check valve so that the hoses are not under pressure during ploughing.



## Ploughing with a furrow press

- The press is collected by the press arm's large jaw. It is hydraulically released before the plough is reversed.
- A five-position mounting bracket means the press can be set for different working widths. A tension spring pivots the press arm into the set catching position after releasing.
- On SERVO PLUS ploughs, the catching position is maintained precisely even if the furrow width is changed.
- The press arm can be fixed within the tractor width for road transport.
- The entire press arm can be removed quickly and easily.



# SERVO 25



## The strong lightweight

The lighter class for use with tractors up to 120 hp.

### Bolted reinforcement in main plough beam bearing

On 4-furrow models there is an additional reinforcement bolted to the beam.

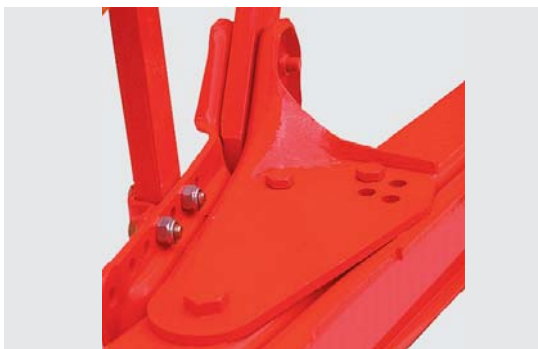
No holes or welds that would weaken the beam.

#### SERVO 25 – Entry level 2 – 4-furrow

<b>Furrows</b>	2 / 3 / 4 (3+1)
<b>Beam cross-section in / mm</b>	3.94x3.94x0.39 / 100x100x10
<b>Underbeam clearance in / mm</b>	31.5 or 29.1 / 800 or 740
<b>Body mounting (leg) in / mm</b>	3.15x1.18 / 80x30
<b>Working width per body</b> in / mm	
<b>Inter-body spacing 33.5" / 850 mm</b>	13/14.2/15.7/16.9 / 330/360/400/430
<b>Inter-body spacing 37.4" / 950 mm</b>	13/14.6/16.1/17.7 / 330/370/410/450
<b>Inter-body spacing 40.2" / 1020 mm</b>	13.8/15.7/17.3/18.9 / 350/400/440/480

**SERVO 25 NOVA** with hydromechanical stone protection.





#### **Headstock:**

- The forged press-formed section reaches under the reversing axle to increase strength.
- A double acting reversing cylinder with check valve is standard; hoses are not under pressure during ploughing.
- Three top link positions, including a slotted hole for faster penetration and lower linkage control.

#### **Cat. 2 mounting axle, Cat. 3 optional**

- The full-length mounting axle can be adjusted to four positions and has an anti-twist lock.
- Correct positioning on the tractor and optimum clearance at all times.

#### **Reversing unit and turnover shaft:**

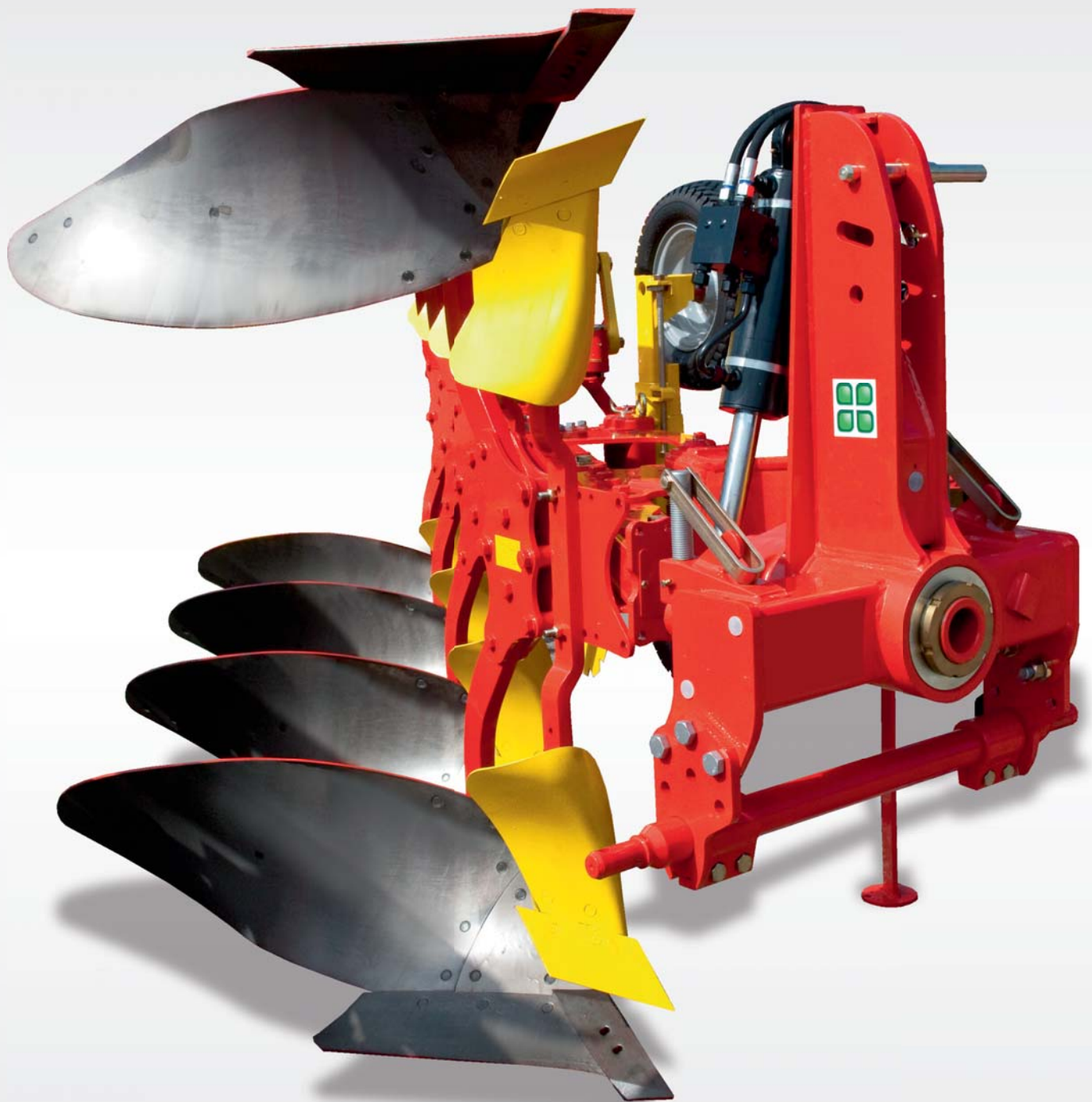
- The turnover shaft is a solid shaft with a diameter of 3.15" / 80 mm.
- The tapered roller bearings are tensioned and adjusted using a castellated nut.
- Beam angle is adjusted using two turnbuckles.

#### **Forged moulded leg mounting brackets**

- The bracket surrounds the plough beam tube with a large contact area to transfer forces to the beam.

#### **Solid body mountings on both sides**

- Double sided shear protection via shear bolts.
- Four furrow widths easily selected via hole matrix by moving a bolt.

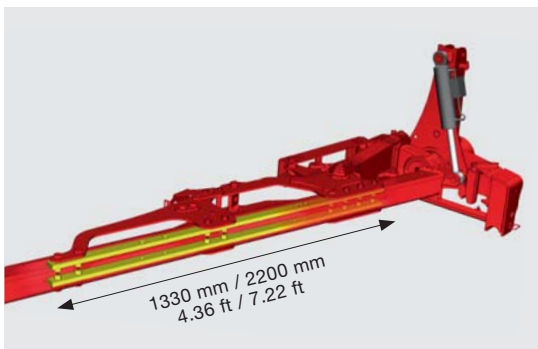




# SERVO 35 / 35 S

# SERVO 45 / 45 S

Ploughs with real backbone



## Bolted reinforcements where stress on beam is highest

### Unique on the market

On SERVO series 35 and 45 ploughs, the inside of the full length micro-alloyed fine-grain steel plough beam tube is strengthened by two bolted reinforcements.

- Maximum plough beam rigidity at the point of maximum bending stress.
- The inner web increases resistance to flexing by up to 25%.
- The firm seating of the bolted reinforcement forms a high strength unit.
- No through bolts that could work loose. Secured using Nord-Lock washers.

### Intelligent solution

The oversized main plough beam bearing extends 4.36' / 1330 mm (7.22' / 2200 mm on SERVO S version) to distribute forces acting on the beam up to well beyond the second body. The thick walls of the plough beam tube provide a secure seat for mounting plough legs and skimmers.

# SERVO 35 SERVO 35 S



## The 140 hp and 170 hp class

The size of tractor used on medium sized arable farms continues to increase, so demands on the plough also continue to grow. The SERVO 35 range up to 140 hp matches this segment. For tractors up to 170 hp, the SERVO 35 S range featuring the SERVO 45 reversing unit is an ideal match.

	SERVO 35 up to 140 hp	SERVO 35 S up to 170 hp
<b>Furrows</b>	3 / 4 / 5	4 / 5 / 6
<b>Mounting axle</b>	Cat. 2 / Cat. 3, width 2	Cat. 3, width 2
<b>Plough beam tube in / mm</b>	4.72x4.72x0.39 / 120x120x10	
<b>Underbeam clearance</b>	31.5 / 800	
<b>Body holder in / mm</b>	3.15x1.18 / 80x30	
<b>Working width per body</b>	in / mm	
<b>Inter-body spacing 37.4 / 950</b>	11.8/13.8/15.7/17.7/19.7 / 300/350/400/450/500	
<b>Inter-body spacing 40.2 / 1020</b>	12.6/15/16.9/18.9/21.3 / 320/380/430/480/540	
<b>SERVO PLUS 37.4 / 950</b>	9.05 – 19.29 / 230 – 490	
<b>SERVO PLUS 40.2 / 1020</b>	9.84 – 20.87 / 250 – 530	

**SERVO 35 PLUS / SERVO 35 S PLUS** with hydraulic furrow width adjustment

**SERVO 35 NOVA / SERVO 35 S NOVA** with hydro-mechanical stone protection

**SERVO 35 PLUS NOVA / SERVO 35 S PLUS NOVA** with hydraulic furrow width adjustment and hydro-mechanical stone protection





#### Headstock

- Double acting reversing cylinder with check valve; hoses are not under pressure during ploughing.
- The full length mounting axle can be adjusted to four positions and has an anti-twist lock. Correct positioning on the tractor and optimum clearance at all times.

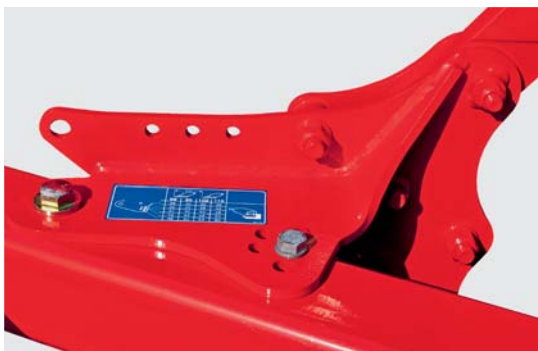
#### Three top link positions

- Including a slotted hole for faster penetration and lower linkage control. The extra thick top link retention plate is hardened and guarantees a snug fit for the top link pin.



#### Reversing unit and turnover shaft

- The Reversing unit and turnover shaft has a diameter of 3.94" / 100 mm on the SERVO 35 and 4.33" / 110 mm on the SERVO 35 S.
- The reversing unit made from tempered cast steel is not welded to the reversing axle. The hydraulic hoses pass through the hollow shaft preventing trapping of the hoses during reversing.
- The heavy-duty tapered roller bearings are reliably protected from dirt and locked with an adjustable castellated nut.
- Beam angle is adjusted using two turnbuckles.



#### Body holder

- The tempered leg mounting brackets have a large clamping surface to resist high stress. The bracket surrounds the plough beam with a large contact area for optimum transfer of forces to the beam.

#### Solid leg mounting on two sides.

- Double sided shear protection via shear bolts.
- Five furrow widths easily selected via hole matrix by moving a bolt.

# SERVO 45 SERVO 45 S



## The 170 hp and 270 hp class

Increasingly powerful tractors operate mounted ploughs with up to six furrows. Fast road travel and large inter-body spacing demand a robust headstock, strong reversing mechanism and plough beam.

	<b>SERVO 45</b> up to 170 hp	<b>SERVO 45 S</b> up to 270 hp
<b>Furrows</b>	3 / 4 / 5	4 / 5 / 6
<b>Mounting axle</b>	Cat. 3, width 2	Cat. 3, width 3
<b>Plough beam tube in / mm</b>	5.51x5.51x0.39 / 140x140x10	
<b>Underbeam clearance</b>	31.5 / 35.4 / 800 / 900	
<b>Body holder in / mm</b>	3.15x1.18 / 80x30	
<b>Working width per body</b>	in / mm	
<b>Inter-body spacing 37.4 / 950</b>	11.8/13.8/15.7/17.7/19.7 / 300/350/400/450/500	
<b>Inter-body spacing 40.2 / 1020</b>	12.6/15/16.9/18.9/21.3 / 320/380/430/480/540	
<b>SERVO PLUS 37.4 / 950</b>	9.05 – 19.29 / 230 – 490	
<b>SERVO PLUS 40.2 / 1020</b>	9.84 – 20.87 / 250 – 530	

### **SERVO 45 PLUS / SERVO 45 S PLUS**

with hydraulic furrow width adjustment

### **SERVO 45 NOVA / SERVO 45 S NOVA**

with hydro-mechanical stone protection

### **SERVO 45 PLUS NOVA / SERVO 45 S PLUS NOVA**

with hydraulic furrow width adjustment and  
hydro-mechanical stone protection





#### Headstock

- The full length mounting axle can be adjusted to four positions and has an anti-twist lock. Correct positioning on the tractor and optimum clearance at all times.
- Double mounting axle bearing on SERV 45 S as option, standard on 6-furrow version.

#### Reversing axle

- SERV 45 dia. 4.33" / 110 mm, SERV 45 S dia. 5.91" / 150 mm

#### Three top link positions

- Including a slotted hole for faster penetration and lower linkage control. The extra thick top link retention plate is hardened and guarantees a snug fit for the top link pin.



#### TRACTION CONTROL on SERV 45 S

TRACTION CONTROL on SERV 45 S mounted ploughs transfers weight from the plough to the tractor.

Wheel slip is reduced by perfectly matching the pulling force and load on the rear axle. As a result, this enables maximum performance, saves fuel and prevents soil damage. Preload pressure can be adjusted from the tractor seat and remains the same, even at the headland.

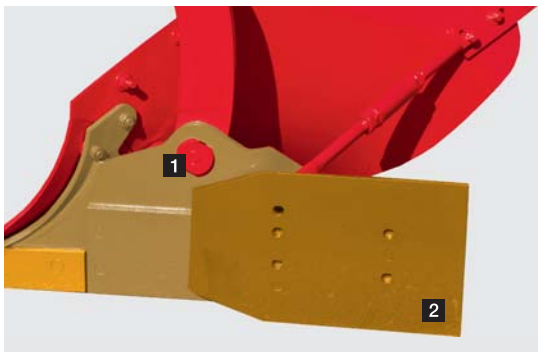
#### Assessment of the influence of TRACTION CONTROL on fuel consumption and wheel slip

Performance and consumption data for medium-heavy soil, working width 8.52' / 2.60 m, working depth 9.84" / 250 mm

Driving strategy	without TRACTION CONTROL	with TRACTION CONTROL	Efficiency
<b>Performance</b>	4.79 acres/h / 1.94 ha/h	6.67 acres/h / 2.07 ha/h	+ 0.32 acres/h / 0.13 ha/h
<b>Diesel consumption</b>	1.82 gal/acre / 20.5 l/ha	1.63 gal/acre / 18.4 l/ha	- 0.19 gal/acre / 2.1 l/ha
<b>Diesel consumption</b>	8.73 gal/h / 39.7 l/h	8.36 gal/h / 38.0 l/h	- 0.37 gal/h / 1.7 l/h
<b>Wheel slip</b>	4.8 %	3.3 %	- 1.5 %

# SERVO technology

Durable – Reliable – High quality



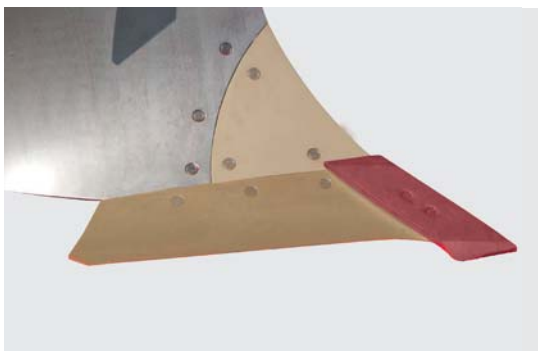
## Proven plough body configuration

### Frog

The frog is tempered to provide maximum strength and stability for mouldboards or slats. The chisel points sit on a forged raised section that provides a precise and durable join.

### Angle adjustment (1)

An offset allows adjustment of body angle for reliable penetration, even in extremely hard, dry soils.



### Large landsides for reliable plough tracking (2)

The landsides can be used four times to ensure cost efficient use of the parts. Landside protector standard on last body.

### Chisel points

Single piece points are reversible for reduced operating costs. The single piece points are manufactured from hardened boron steel and guarantee good plough penetration in all soil conditions.

Chisel points with deposition welding available as an option.

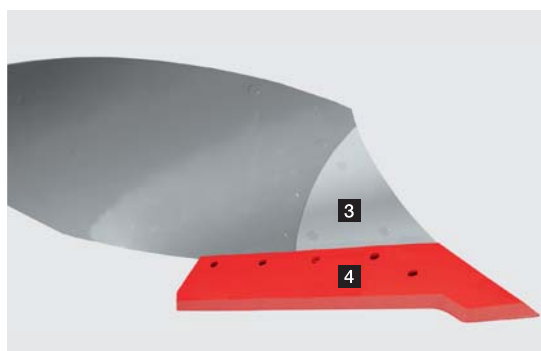


### Shares

All shares are manufactured from hardened boron steel. Increasing the hardened wear zone extends service life by up to 50%. The 0.43" / 11 mm thick shares have a total width of 5.91" / 150 mm.

The forward taper aids good penetration and has the effect of being self-sharpening.



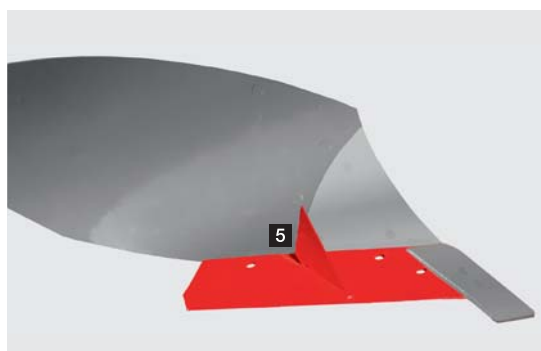


### **Share blades (3)**

Share blades made from 0.31" / 8 mm hardened fine grain steel are used on mouldboards in the area of greatest wear. They are quick and easy to replace.

### **Full-length share points (4)**

with powerful wear points. A high angle guarantees good penetration. Well suited to stony soils and shallow ploughing. Armoured share points are available as an option.

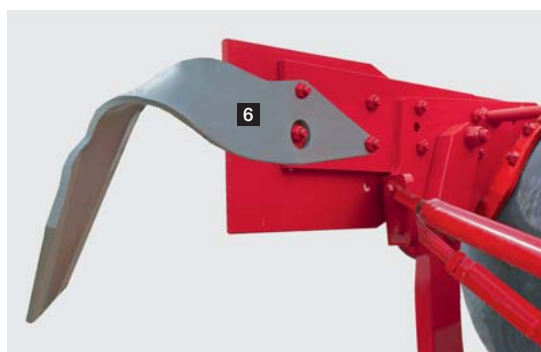


### **Knife shares (5)**

Vertical blades welded to the shares improve crumbling as they split the furrow ridge down the middle.

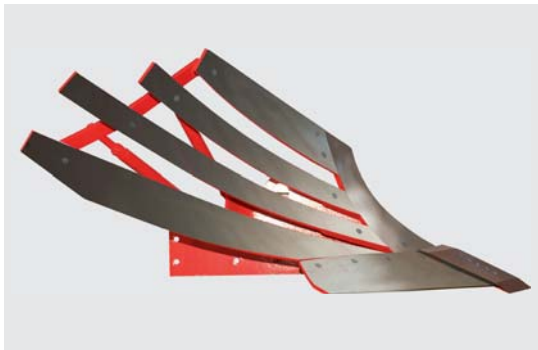
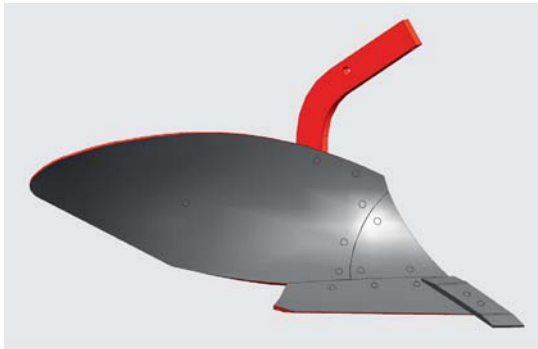
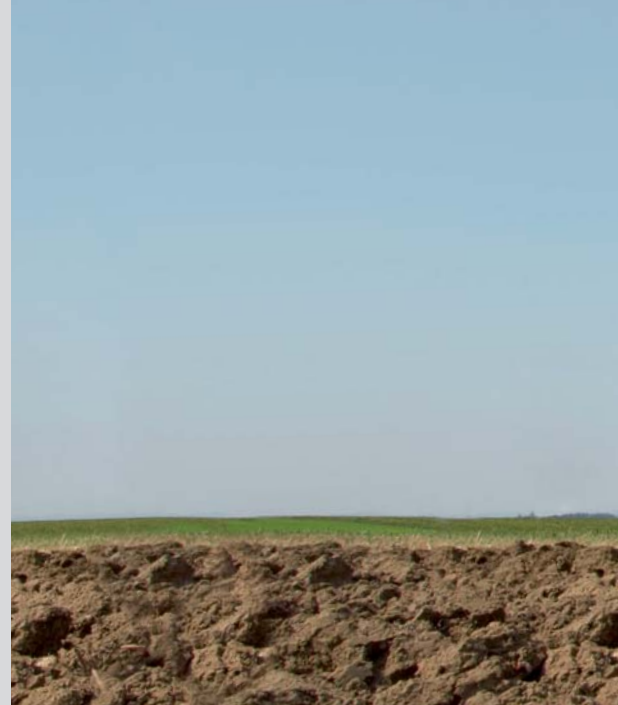
### **Furrow widener for wide tyres (6)**

Furrow wideners are available as an option for all ploughs and mould boards. These can only be used without disc coulters.



# SERVO technology

Mould boards for all types of soil



## DURASTAR

### **Hardened right through and carbonised**

Hardened right through means consistent hardness across the whole cross-section. Carbonised: Substrate material core is elastic.

Proven plough mould boards, hardened right through, guarantee excellent results in compact soils (heathland, black-earth soil, etc.).

Mouldboards with a special carbonised layer are characterised by impressive durability thanks to a super hard 09" / 2.3 mm thick surface on both sides of the board and a more elastic core. This combination ensures optimum ploughing results in soils with a variable or sticky structure.

- Longer service life than 3-layer plate.
- Improved soil flow reduces sticking.
- Developed and manufactured by PÖTTINGER.
- Available for 27 Wc, 46 Wc, 36 UWc, and 39 UWc mouldboards.

### **Mouldboards**

8 mm hardened fine grain steel – extremely resistant to wear.

### **Slatted boards**

Slats 0.39" / 10 mm thick and hardened right through – extremely resistant to wear. Gap between slats gets wider further back to prevent stones from becoming trapped.

### **Armoured chisel points and chisel shares**

Chisel points and shares with deposition welding are also available for extreme wear resistance.





## Long, curved, mouldboard

### 27 Wc DURASTAR (1)

Low drag resistance, well suited to working on slopes. Ideal for ploughing meadow and flat land with good furrow clearance. Suitable for higher forward speeds.

- Working width up to 17.2 in / 450 mm
- Working depth up to 9.84 in / 250 mm
- Furrow clearance up to 18.90 in / 480 mm

### 36 W (2)

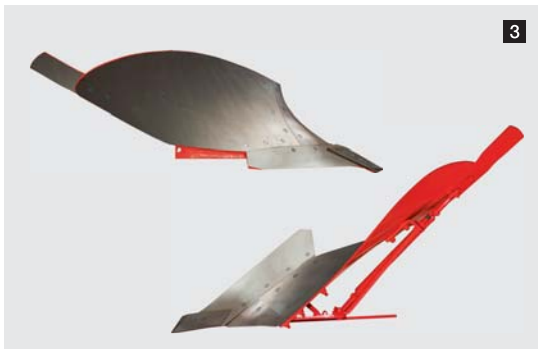
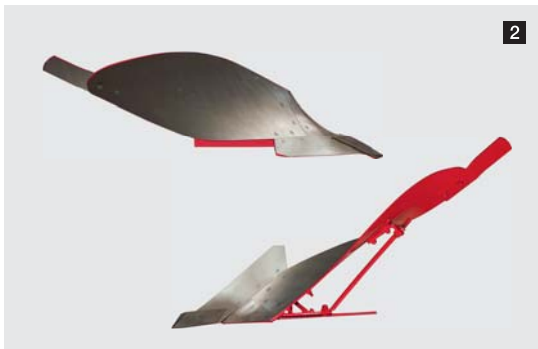
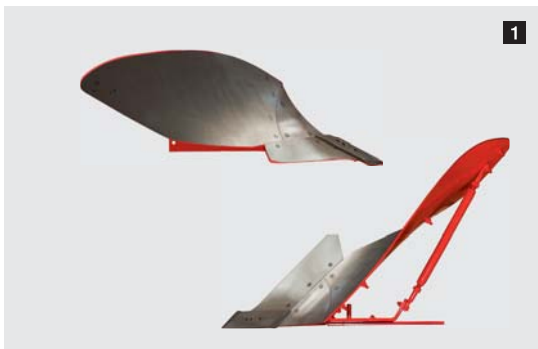
Long, curved mould board for heavy, sticky soil. Moderate working speed.

- Working width up to 17.2 in / 450 mm
- Working depth up to 9.84 in / 250 mm
- Furrow clearance up to 15.75 in / 400 mm

### 41 W (3)

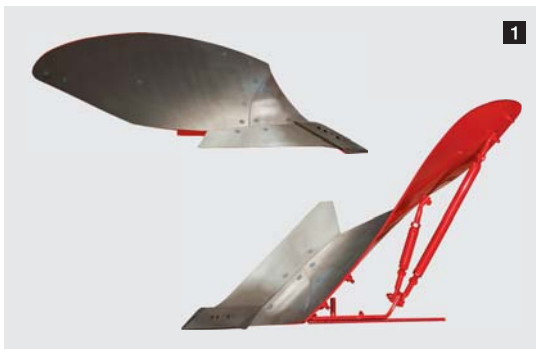
Long, curved mould board for heavy, sticky soil. Moderate working speed.

- Working width up to 17.2 in / 450 mm
- Working depth up to 11.81 in / 300 mm
- Furrow clearance up to 17.2 in / 450 mm



# SERVO technology

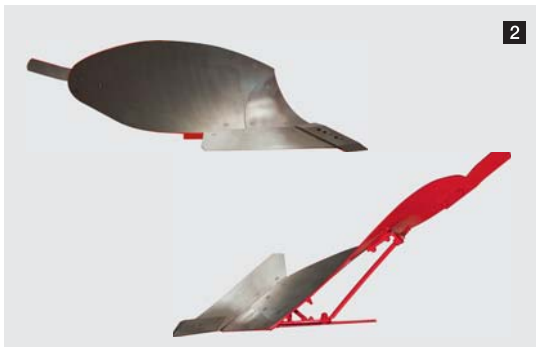
Mould boards for all types of soil



## **46 Wc DURASTAR (1)**

Good crumbling effect and suitable for slopes, low drag resistance in loam and clay soils, also light soil types. A body for high working speeds without overlapping. Wide furrow clearance, low draft and excellent turning of the soil ridge are the hallmarks of this mouldboard.

- Working width up to 21.26 in / 540 mm
- Working depth up to 13.78 in / 350 mm
- Furrow clearance up to 20.87 in / 530 mm



## Universal mouldboard

### **36 UWc DURASTAR (2)**

Universal mouldboard with very good furrow clearance and excellent crumbling at normal working speed. Large quantities of harvest trash are ploughed in tidily. A low-draft mouldboard, suitable for most soils.

- Working width up to 9.68 in / 500 mm
- Working depth up to 11.81 in / 300 mm
- Furrow clearance up to 18.90 in / 480 mm



### **39 UWc DURASTAR (3)**

Large universal mouldboard with very good furrow clearance and excellent crumbling at normal working speed. Large quantities of harvest trash are ploughed in tidily. A low-draft mouldboard, suitable for most soils.

- Working width up to 21.26 in / 540 mm
- Working depth up to 13.78 in / 350 mm
- Furrow clearance up to 9.68 in / 500 mm





## Slatted boards

### 35 WSS (4)

Slatted body with strong turning characteristics, specially suitable for peaty, medium-density and sticky soil. Especially wide furrow clearing and excellent crumbling.

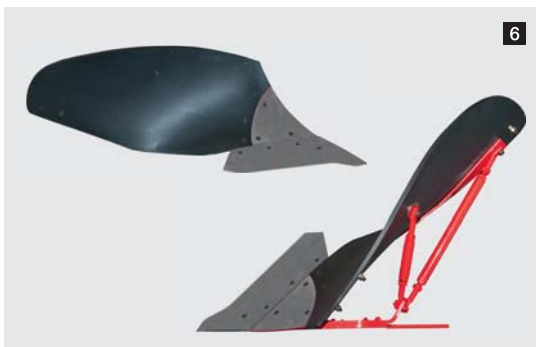
- Working width up to 21.26 in / 540 mm
- Working depth up to 13.78 in / 350 mm
- Furrow clearance up to 20.87 in / 530 mm



### 38 WWS (5)

Low-drag resistance body with curved slats for excellent crumbling effect in medium to heavy soils (loam, clay). Good furrow clearance – ideal for wide tyres.

- Working width up to 21.26 in / 540 mm
- Working depth up to 11.81 in / 300 mm
- Furrow clearance up to 9.68 in / 500 mm



## Synthetic mouldboard

### 50 RW (6)

Material Robalon S, 0.59 / 15 mm thick, metal share blade, geometry and frog same as 46 W.

Long, curved, high synthetic mouldboard for soils with low stability. Wide furrow clearance. Soil flows easily along surface. Use only with share point. Not suitable for stony ground.

- Working width up to 21.26 in / 540 mm
- Working depth up to 13.78 in / 350 mm
- Furrow clearance up to 20.87 in / 530 mm

# SERVO technology

For a tidy surface and furrow



**A clean disc couler cut guarantees precise turning of the ridge and a clean furrow.**

## Couler shapes

### Adjustable bracket

One bracket for Standard and PLUS ploughs. Depth is adjusted using toothed segments.

- Mounting moved forward so the disc couler is in front of the skimmer. Plenty of space for large quantities of maize straw and organic matter.
- Mounting moved back so the disc couler is close to the skimmer for light, free flowing soil and shallow ploughing.

### Disc coulers, smooth or scalloped

- 19.68 or 23.23" / 500 or 590 mm diameter with good self cleaning characteristics.
- Star shape indentations keep disc coulers rotating.
- Especially wide bearing spacing for highest durability.
- Scalloped disc coulers rotate well in high levels of organic matter.

### Spring mounted couler disc (1)

Spring mounted couler discs are available for SERVO NOVA ploughs with overload protection.

### Landside knife couler

The landside knife couler is a cost effective alternative to the disc couler – from 8.66" / 220 mm working depth.





**Suitable skimmer shapes mean there are no crop residues on the surface after ploughing.**

## Skimmer adjustable without tools

Same shank for all skimmers with multi stage depth adjustment – no tools required. Distance from the plough body is adjustable via the hole matrix. The skimmer is load protected using a shear bolt.

### **V1 universal skimmer**

- Suitable for all conditions including maize straw.

### **V2 maize skimmer**

- For large quantities of organic matter, catch crops and deep tillage.

### **V3 universal skimmer**

- Suitable for shallow working depths.

### **V4 RW synthetic fertilizer skimmer**

- For light, non-cohesive and sticky soil.

### **V5 maize skimmer**

- Large, high skimmer board suitable for working in high volume harvest residues and for very deep ploughing.

### **Trashboards**

Alternatives for shallow ploughing and stony soil.

### **Leg deflector**

Leg deflectors improve ploughing results in large quantities of organic matter while protecting the leg.

# SERVO technology

Depth wheels for perfect tracking



## Dual depth wheels

On 4-furrow ploughs upwards, the wheel may be positioned at the last or penultimate body. The bracket can be mounted further back or moved forward for fence line ploughing. The wheels are infinitely adjustable via turnbuckles.

- Dual depth wheel – steel
  - Dual depth wheel – pneumatic tyre
  - Dual depth wheel – pneumatic tyre, hydraulically adjustable
- Infinitely-variable hydraulic depth adjustment – one double-acting connection required.



## Pivot depth wheel

The depth wheel pivots over during reversing. A pin moves it into the correct position for travel close to the beam. Depth adjustment via a turnbuckle. On 4-furrow ploughs upwards, the wheel may be positioned at the last or penultimate body.

- Pivot depth wheel – steel, without damping
- Pivot depth wheel – pneumatic tyre, without damping
- Pivot depth wheel – pneumatic tyre, hydraulic damping, can be used as transport wheel, located at last body



## Transport depth wheel – pneumatic tyre

Offers best plough tracking and optimum performance on the road. Move into transport position by pivoting wheel and relocating a pin. The transport function may be retro-fitted.

- Rear-mounted transport pivot wheel
- Forward-mounted transport pivot wheel – ideal for fenceline ploughing on 5-furrow ploughs upwards

The self aligning wheel is hydraulically damped and swings backwards smoothly. The wheel can be converted into the transport wheel with a few simple adjustments.

- Forward-mounted transport pivot wheel, hydraulically adjustable
- Infinitely-variable hydraulic depth adjustment – one double-acting connection required.





SERVO depth wheels	25	35	35 S	45	45 S	Weight
<b>Dual depth wheel – steel</b> 505 x 185 mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	194 lbs / 88 kg
<b>Dual depth wheel – pneumatic tyre</b> 579 x 264 mm (23 x 10.5-12)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	198 lbs / 90 kg
<b>Dual depth wheel – pneumatic tyre</b> 660 x 305 mm (26 x 12-12)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	216 lbs / 98 kg
<b>Dual depth wheel – pneumatic tyre</b> 579 x 264 mm (23 x 10.5-12), hydraulically adjustable	–	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	242 lbs / 110 kg
<b>Dual depth wheel – pneumatic tyre</b> 660 x 305 mm (26 x 12-12), hydraulically adjustable	–	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	260 lbs / 118 kg
<b>Pivot depth wheel – steel</b> 505 x 185 mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	–	–	121 lbs / 55 kg
<b>Pivot depth wheel – pneumatic tyre</b> 579 x 264 mm (23 x 10.5-12)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	–	–	137 lbs / 62 kg
<b>Pivot depth wheel – pneumatic tyre</b> 660 x 305 mm (26 x 12-12)	–	<input type="checkbox"/>	<input type="checkbox"/>	–	–	143 lbs / 65 kg
<b>Pivot depth wheel – pneumatic tyre, rear-mounted</b> 579 x 264 mm (23 x 10.5-12), hydraulic damped	<input type="checkbox"/>	–	–	–	–	276 lbs / 125 kg
<b>Transport pivot wheel – rear mounted</b> 579 x 264 mm (23 x 10.5-12), hydraulic damped	–	<input type="checkbox"/>	<input type="checkbox"/>	–	–	276 lbs / 125 kg
<b>Transport pivot wheel – rear or forward mounted</b> 755 x 270 mm (260/70 x 15.3), hydraulic damped	–	–	–	<input type="checkbox"/>	<input type="checkbox"/>	287 lbs / 130 kg
<b>Transport pivot wheel – rear or forward mounted</b> 755 x 270 mm (260/70 x 15.3), hydraulic damped	–	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	397 lbs / 180 kg
<b>Transport pivot wheel – rear or forward mounted</b> 755 x 270 mm (260/70 x 15.3), hydraulically adjustable	–	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	430 lbs / 195 kg
<b>Transport pivot wheel – rear or forward mounted</b> 780 x 340 mm (340/50 x 16)	–	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	448 lbs / 203 kg
<b>Transport pivot wheel – rear or forward mounted</b> 780 x 340 mm (340/50 x 16), hydraulically adjustable	–	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	481 lbs / 218 kg

☐ = optional

All data subject to change without notice. Fittings can vary from country to country.

# Technical data / Equipment options

	Furrows	Body spacing in / mm			Underbeam clearance in / mm	Plough beam cross-section in / mm	Bare weight without additional tools lbs / kg
<b>SERVO 25</b>	2	–	37.4/950	40.2/1020	31.5 / 800 29.1 / 740	3.94 x 3.94 100 x 100	1351 / 613
	3	33.5/850	37.4/950	40.2/1020			1253 / 795
	3 + 1	33.5/850	37.4/950	40.2/1020			2174 / 986
<b>SERVO 25 NOVA</b>	2	–	37.4/950	40.2/1020	29.1 / 740 31.5 / 800	3.94 x 3.94 100 x 100	1693 / 768
	3	33.5/850	37.4/950	40.2/1020			2240 / 1016
	3 + 1	33.5/850	37.4/950	–			2555 / 1159
<b>SERVO 35</b>	3	–	37.4/950	40.2/1020	31.5 / 800	4.72 x 4.72 120 x 120	1984 / 900
	3 + 1 / 4	–	37.4/950	40.2/1020			2456 / 1114
	4 + 1	–	37.4/950	–			2736 / 1241
<b>SERVO 35 NOVA</b>	3	–	37.4/950	40.2/1020	31.5 / 800	4.72 x 4.72 120 x 120	2273 / 1031
	4	–	37.4/950	40.2/1020			2840 / 1288
<b>SERVO 35 PLUS</b>	3	–	37.4/950	40.2/1020	31.5 / 800	4.72 x 4.72 120 x 120	2246 / 1019
	3 + 1 / 4	–	37.4/950	40.2/1020			2630 / 1193
<b>SERVO 35 PLUS NOVA</b>	3	–	37.4/950	40.2/1020	31.5 / 800	4.72 x 4.72 120 x 120	2533 / 1149
	4	34.6/880	37.4/950	40.2/1020			3188 / 1446
<b>SERVO 35 S</b>	4	–	37.4/950	40.2/1020	31.5 / 800	4.72 x 4.72 120 x 120	2776 / 1259
	4 + 1 / 5	–	37.4/950	40.2/1020			3056 / 1386
	5 + 1	–	37.4/950	–			3668 / 1664
<b>SERVO 35 S NOVA</b>	4	34.6/880	37.4/950	40.2/1020	31.5 / 800	4.72 x 4.72 120 x 120	3181 / 1443
	4 + 1	34.6/880	37.4/950	–			3536 / 1604
<b>SERVO 35 S PLUS</b>	4	–	37.4/950	40.2/1020	31.5 / 800	4.72 x 4.72 120 x 120	2919 / 1324
	4 + 1	–	37.4/950	40.2/1020			3481 / 1579
<b>SERVO 35 S PLUS NOVA</b>	4	–	37.4/950	40.2/1020	31.5 / 800	4.72 x 4.72 120 x 120	3507 / 1591
	4 + 1 / 5	–	37.4/950	–			4019 / 1823
<b>SERVO 45</b>	4	–	37.4/950	40.2/1020	31.5 / 800 35.4 / 900	5.51 x 5.51 140 x 140	2637 / 1196
	4 + 1	–	37.4/950	40.2/1020			3294 / 1494
<b>SERVO 45 NOVA</b>	4	–	37.4/950	40.2/1020	31.5 / 800	5.51 x 5.51 140 x 140	3014 / 1367
	4 + 1	–	37.4/950	–			3774 / 1712
<b>SERVO 45 PLUS</b>	3	37.4/950	40.2/1020	45.3/1150	31.5 / 800 35.4 / 900	5.51 x 5.51 140 x 140	2374 / 1077
	4	–	37.4/950	40.2/1020			2972 / 1348
	4 + 1	–	37.4/950	40.2/1020			3549 / 1610
<b>SERVO 45 PLUS NOVA</b>	4	–	37.4/950	–	31.5 / 800	5.51 x 5.51 140 x 140	3611 / 1638
	4 + 1	–	37.4/950	–			4255 / 1930
<b>SERVO 45 S</b>	4	–	37.4/950	40.2/1020	31.5 / 800 35.4 / 900	5.51 x 5.51 140 x 140	2895 / 1313
	4 + 1 / 5	–	37.4/950	40.2/1020			3558 / 1614
	5 + 1	–	37.4/950	–			4222 / 1915
<b>SERVO 45 S NOVA</b>	4	–	37.4/950	40.2/1020	31.5 / 800	5.51 x 5.51 140 x 140	3280 / 1488
	4 + 1 / 5	–	37.4/950	40.2/1020			4039 / 1832
<b>SERVO 45 S PLUS</b>	3	–	–	45.3/1150	31.5 / 800	5.51 x 5.51 140 x 140	2535 / 1150
	4	37.4/950	40.2/1020	45.3/1150			3611 / 1638
	4 + 1 / 5	–	37.4/950	40.2/1020			4255 / 1930
	5 + 1	–	37.4/950	40.2/1020			4464 / 2025
<b>SERVO 45 S PLUS NOVA</b>	4	–	37.4/950	40.2/1020	31.5 / 800	5.51 x 5.51 140 x 140	3997 / 1813
	4 + 1 / 5	–	37.4/950	40.2/1020			4672 / 2119

All data subject to change without notice





	Mounting axle Cat. 2	Mounting axle Cat. 3	Mounting axle Double bearing	Steered axle Cat. 2
<b>Weight</b>				183 lbs /83 kg
<b>SERVO 25</b>	■	□	–	□
<b>SERVO 35</b>	–	■	–	□
<b>SERVO 35 S</b>	–	■	–	□
<b>SERVO 45</b>	–	■	–	□
<b>SERVO 45 S</b>	–	■	□	–



	TRACTION CONTROL	Plough beam pivot cylinder	SERVO PLUS memory cylinder
<b>Weight</b>		99 lbs /45 kg	20 lbs /9 kg
<b>SERVO 25</b>	–	–	–
<b>SERVO 35</b>	–	□	□
<b>SERVO 35 S</b>	–	□	□
<b>SERVO 45</b>	–	□	□
<b>SERVO 45 S</b>	□	□	□



	Furrow press extension arm	Subsoiler	Marker boards and lighting
<b>Weight</b>	209 lbs /95 kg	Pair 70 lbs / 32 kg	44 lbs / 20 kg
<b>SERVO 25</b>	□	□	□
<b>SERVO 35</b>	□	□	□
<b>SERVO 35 S</b>	□	□	□
<b>SERVO 45</b>	□	□	□
<b>SERVO 45 S</b>	□	□	□

■ = standard, □ = optional

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