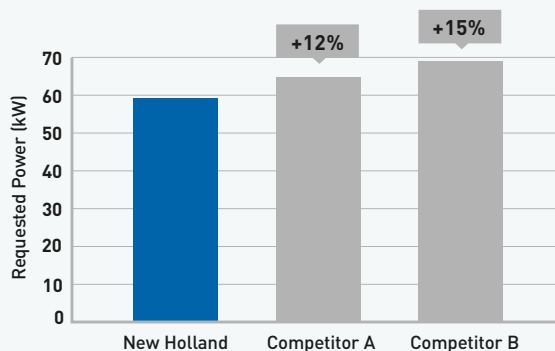


PLOUGHS



Ploughing productivity.

For centuries, farmers have relied on the plough for one of the most reliable methods of eradicating weeds. However, the advantages of ploughing are many fold, and include breaking through the capillary, combining crop residues and fertilizer and promoting the release of nutrients through mineralisation. The control of root weeds and fungal diseases is also another advantage of ploughing. Furthermore, ploughing assists in the repair of compaction as well as increasing the top surface volume by some 30% - which assist with water absorption. All of this combines to produce an agronomic advantage for farmers.



Low fuel consumption

Thanks to their efficient design, New Holland ploughs require up to 15% less draft effort compared to leading competitors. Don't just take our word for it, the results have been verified by the Swedish University of Agriculture. The result: less effort means lower fuel consumption for lower overall operating costs.

Over 165 years of plough making experience

New Holland ploughs are produced in our dedicated factory in the town of Överum, Sweden. The Överum plant has been producing ploughs for over 165 years - and every plough produced benefits from this vast experience. Steel still remains the core material, and that is something the engineers at Överum know a lot about, with some 360 years' experience in its manufacture. Today's mouldboards are made of carbonized hardened steel - making these parts the most durable on the market. The treatment time totals some 18 hours in a carbon rich environment and then a four hour cooling period with nitrogen gas ensues. The mouldboards are then heated for 30 minutes to shape them and a further two hours of reheating at 150°C removes all stresses. The result: the ultimate in durable, long lasting performance.





Easy adjustment

New Holland's fully mounted ploughs feature a standard automatic adjustment system, aligning the plough as the front furrow is adjusted. This system uses parallelogram geometry – which adjusts the plough once the basic setup has occurred. Once a plough is correctly adjusted, optimal results will be achieved.

This system offers numerous benefits for daily use

- The front furrow width and alignment are adjusted to a basic setting using separate turnbuckles which do not influence each other
- Correct adjustment ensures the plough follows freely, using the minimum power required
- On ploughs with hydraulically adjustable furrow width, this system ensures perfect alignment of all furrows, which can be easily adjusted
- The design is flexible, which means shocks are not directly transmitted to the tractor
- Correct setting minimizes unnecessary wear



A guide to choosing the right plough.

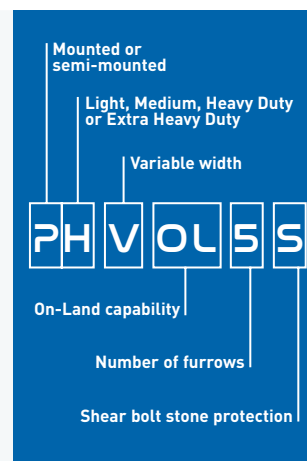
New Holland has developed a range of ploughs to ensure that you can choose the right one for your operation. In order to enhance flexibility, New Holland uses a modular system which means modules are bolted and not welded to the frame. The below chart takes into account the two most important factors when selecting a plough: tractor power and the required number of furrows.



Model numbering explained

New Holland's plough model numbering system is designed to clearly indicate the range and specification of each individual unit. The first letter is always P on mounted reversible ploughs, and PS on semi-mounted reversible ploughs, followed by L, M, H or X, indicating Light, Medium, Heavy Duty or Extra Heavy Duty ranges*. If the plough has variable width adjustment, the feature is depicted by a V. The next number following the letters identifies the number of furrows. The model number ends with either an S or H, signifying Shear bolt or Hydraulic stone release systems. OL in the numbering highlights the On-Land capability of the plough.

*Semi-mounted ploughs PSH & PSHV are only available in Heavy Duty range.



Tractor Ranges																													
T4S	55 - 75																												
T4	58 - 75																												
T5	75 - 115																												
T5 Electro Command	100 - 120																												
T6	125 - 180																												
T7	165 - 315																												
T8	320 - 435																												
Power Range (hp)	50	60	70	80	90	100	110	120	130	140	150	160	170	180	200	210	225	240	250	280	300	315	330	360	380	400	420	440	Page
Fully Mounted Reversible Plough																													
PL	3 furrow																										10 / 11		
	4 furrow																												
PM	3 furrow																											12 / 13	
	4 furrow																												
PM V	3 furrow																											18 / 19	
	4 furrow																												
PH	5 furrow																											14 / 15	
	6 furrow																												
PH V	4 furrow																											20 / 21	
	5 furrow																												
PX	4 furrow																											16 / 17	
	5 furrow																												
PX V	6 furrow																											22 / 23	
	4 furrow																												
PX V OL	5 furrow																											24 / 25	
	6 furrow																												
	7 furrow																												
Semi Mounted Reversible Plough																													
PSH	6 furrow																											26 / 27	
	7 furrow																												
	8 furrow																												
PSHV	5 furrow																											26 / 27	
	6 furrow																												
	7 furrow																												
8 furrow																													

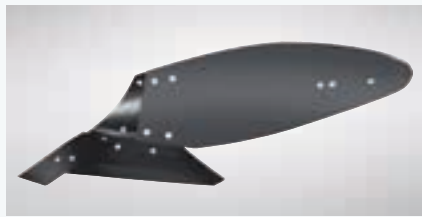
Types of plough: bodies and points.

New Holland has developed a range of plough bodies to ensure you can select not only the right plough for the application, but one that works with your soil and topographical conditions. Together with a choice of different points you can exactly define the effectiveness of the soil engaging parts, short points for rocky or stony ground, or more streamlined flush points for particularly sticky soil types.



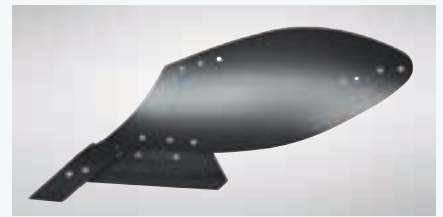
AX type

The AX is a turning plough body with an extremely low draft requirement. Perfect for all applications and for use in all soil types, it is suitable for ploughing depths of 10-28cm and with working widths of 30-55cm.



AXP type

The AXP has the same properties as the AX but its mouldboard is made of plastic, ideal when working in sticky soils.



XLD type

The XLD is a turning plough body with a low draft requirement, and has been design to work with tractors fitted with wide tyres (710mm). Delivering excellent furrow turning, it is suitable for ploughing depths of 12-35cm and with working widths of 40-60cm. Both single support stays and double support stays are available.



XSD type

The XSD is the newest addition to the range, it has a slatted design with 4 individually replaceable strips. Suitable for all soil types, and performs particularly well in sticky soil conditions which are characterized by a low draft requirement. Excellent turning characteristics of the furrows to depths of 12-35cm and working widths of 40-60cm.



AH type

The AH has a larger, universal body with good crumbling performance and very good furrow clearance- ideal when working with tractors fitted with wide tyres. It is suitable for ploughing depths down to 30cm and with working widths from 40cm. Both single support stays and double support stays are available.



AS type

The AS has a slatted body, composed for four individually replaceable strips. Suitable for all soil types, it comes into its own in particularly sticky soil. Delivering intensive crumbling, it is perfect for working on slopes. AS bodies are suitable for ploughing depths down to 35cm and with working widths from 40cm.

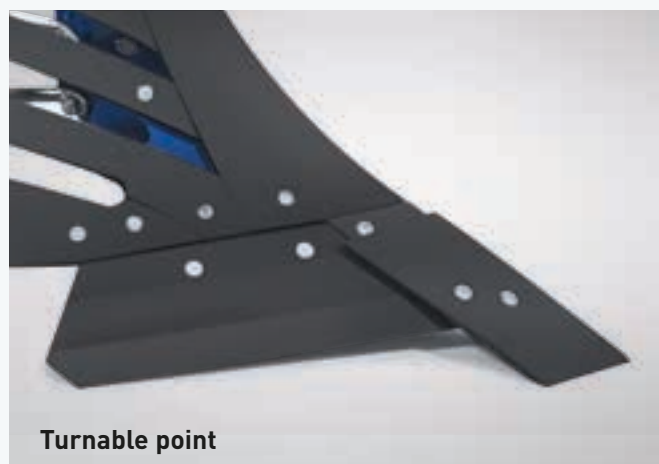


Precision points

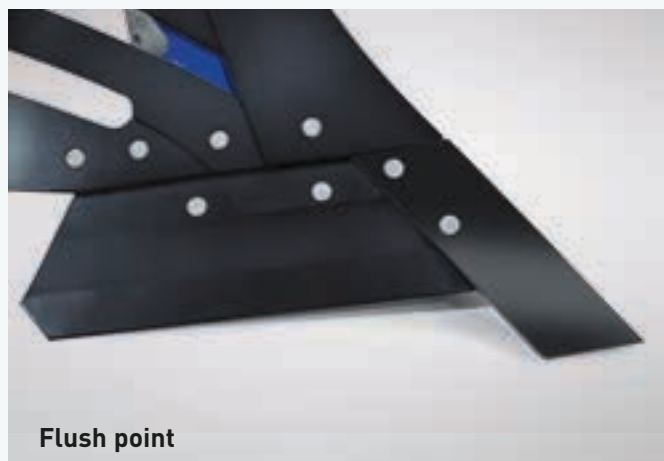
The share points on New Holland plough bodies are extra-long and have been engineered by design to ensure uniform wear. The design delivers outstanding soil contact. On Flush and Special points, the share and the mouldboard are in the same plane, making for a uniform wear profile, reduced power requirements as well as reducing the likelihood of soil sticking to the mouldboard.

Three types of point are available

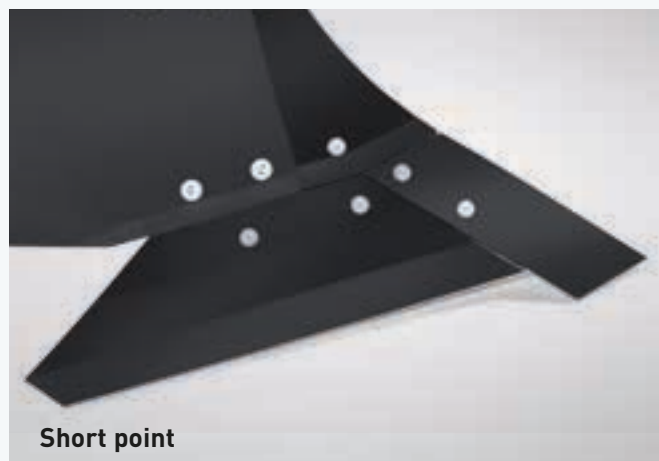
- Turnable point for improved capacity and increased durability
- Flush point for improved soil flow and minimum adherence in sticky soils
- Short point for rocky conditions



Turnable point



Flush point



Short point

Quality headstocks.

All New Holland ploughs are fitted with robust and durable headstocks which have been perfectly matched to their usage profile. New Holland also offers two different kinds of stone release system, hydraulic or shear bolt, so you can make the most practical choice relative to your fields characteristics to ensure the soil keeps turning over.

125 headstock

The 125 headstock has been designed for use with tractors of up to 180hp and featuring a category II or III cross shaft.

150 headstock

The 150 headstock has been designed for use with tractors of up to 220hp and featuring a category II, III or IV cross shaft.

180 headstock

The heavy duty 180 headstock has been design for compatibility with the very largest ploughs and for tractors of up to 360hp. The 150-180 hollow shaft is manufactured from a single piece of steel.



125



150



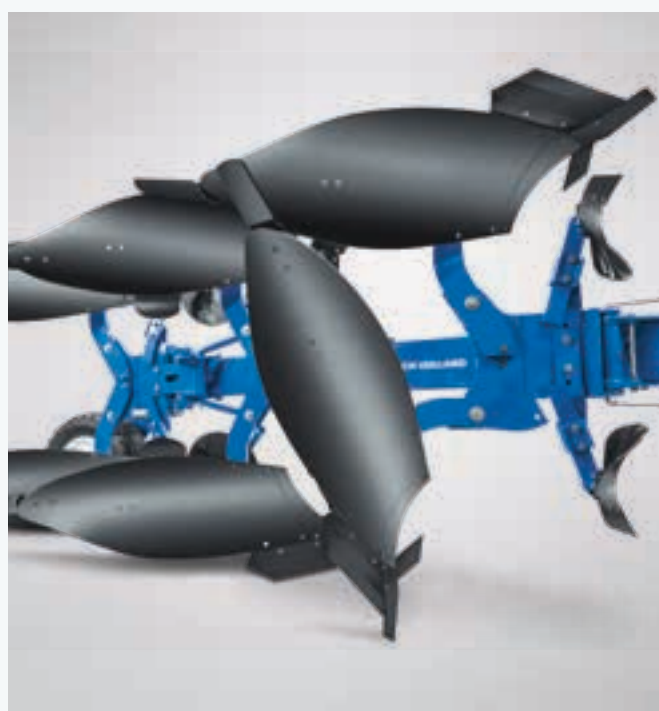
180

Efficient stone release system.

New Holland offers two distinct types of stone release system: hydraulic and shear bolt. Featuring one of the highest release heights on the market, the system ensures that minimum pressure is transferred to the point during release, for smoother ploughing.

Shear bolt stone release system

This system is ideal when working in less stony soils. The simple design results in a lower weight plough with a centre of gravity which is closer to the tractor – therefore reducing lift requirements. The shear bolts are manufactured from hardened steel and designed with a breaking force of 4,000kg. The hardened steel shears with a clean break, making it even easier to replace the bolts.

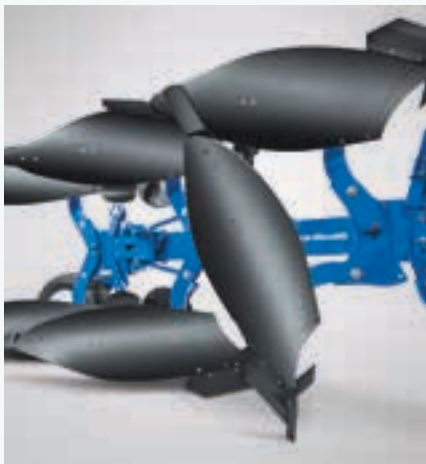


Hydraulic stone release system

Ideal when working in stony soils, this efficient system has been designed to deliver non-stop ploughing. The hydraulic stone release pressure for first furrow plough body can be individually adjusted separate to the other plough body's, – meaning the pressure can be set higher for the front furrow to keep it in the soil without exposing the plough or the tractor to higher loads. With adjustment between 950 – 1750kg for each plough body, the geometry of the release system delivers a large release height to ensure non-stop ploughing, even when encountering large stones when ploughing at depth.

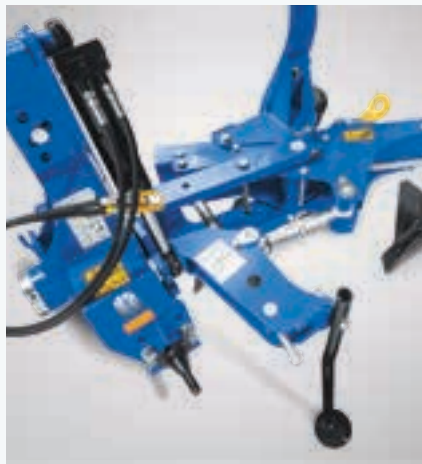
The PL range of ploughs.

The PL range of ploughs has been designed for small arable or mixed farms and is compatible with tractors of up to 120hp. The range comprises of fully mounted three and four furrow reversible ploughs that offer a low center of gravity with minimal lift requirements.



Stone protection

The PL range is fitted as standard with individual shear bolt protection, however, for those operators working in stony ground, the optional fully automatic hydraulic stone release system can be specified.



Adjustable furrow width

The furrow width can be easily adjusted in three simple steps to suit different ploughing conditions.



Turn under

The PL range features 'turn under' technology, which means that the plough bodies pass under the frame and the depth wheel passes up high when the plough is turned.



Range

PL

Model	PL 3S	PL 4S	PL 3H
Stone release system	Shearbolt	Shearbolt	Hydraulic
Maximum horsepower requirements (hp)	140	140	140
Number of furrows	3	4	3
Under beam clearance (cm)	75/80	75/80	75
Point to point (cm)	90/100	90/100	80/90
Working width adjustments		Mechanical	
Working width (from-to) with plough distance 80 cm (cm)	-	-	91-122
Working width (from-to) with plough distance 90 cm (cm)	107-137 (3 steps)	142-183 (3 steps)	107-137 (3 steps)
Working width (from-to) with plough distance 100 cm (cm)	122-152 (3 steps)	163-201 (3 steps)	-
Release height (mm)	405	405	540
Headstock axle diameter (mm)	125	125	125
Box section frame (mm)	150 x 100 x 8	150 x 100 x 8	150 x 100 x 8
App. weight, no options chosen (kg)	700	860	860

The PM range of ploughs.

The mid-range PM series of ploughs have been designed to work with tractors of up to 180hp. These reversible, fully mounted ploughs, benefit from a modular support beam and draw frame, which evenly distributes loads across the entire length of the plough, and offers the additional benefit of an extendable plough. The result: a strong and simple design with logical, intuitive adjustment.

Efficient turnover

Operators can choose the direction of the turnover, and the large pivot shaft diameter uniformly spreads the turning load over a large surface area.



Plough alignment

The PM range is available with mechanical plough alignment as standard. The optional hydraulic alignment system is also available.



First furrow adjustment

The first furrow adjustment mechanism ensures that the ploughing rows match up on the return pass. This prevents both ridges and drops in the field – facilitating secondary cultivation activities.





Range

PM

Model	PM 3S	PM 4S	PM 5S	PM 3H	PM 4H
Stone release system	Shearbolt	Shearbolt	Shearbolt	Hydraulic	Hydraulic
Maximum horsepower requirements (hp)	180	180	180	180	180
Number of furrows	3	4	5	3	4
Under beam clearance (cm)	75/80	75/80	75/80	75/80	75/80
Point to point (cm)	90/100	90/100	90/100	90/100	90/100
Working width adjustments	Mechanical				
Working width (from-to) with plough distance 90 cm (cm)	107-137 [3 steps]	142-183 [3 steps]	178-229 [3 steps]	107-137 [3 steps]	142-183 [3 steps]
Working width (from-to) with plough distance 100 cm (cm)	122-152 [3 steps]	163-201 [3 steps]	203-254 [3 steps]	122-152 [3 steps]	163-201 [3 steps]
Release height (mm)	405	405	405	540	540
Headstock axle diameter (mm)	125	125	125	125	125
Box section frame (mm)	150 x 150 x 8	150 x 150 x 8	150 x 150 x 8	150 x 150 x 8	150 x 150 x 8
App. weight, no options chosen (kg)	720	910	1105	890	1050

The PH range of ploughs.

The PH range could be considered the true workhorse of the New Holland plough line-up. This range of fully mounted, reversible ploughs, is compatible with tractors of up to 220hp that undertake heavy duty ploughing duties. Their sleek, modern design ensure they cut an eye catching figure in the field. The extendable frame design enhances ploughing flexibility.

Productivity enhancing frame design

The PH range has 2 plates along the frame that increases the width towards the front of the plough – where the forces are greater. The wheel is placed to the rear for ideal weight transfer.



Plough alignment

The PH range is available with the hydraulic plough alignment system as standard.



First furrow adjustment

The first furrow adjustment mechanism ensures that the ploughing rows match up on the return pass. This prevents both ridges and drops in the field – facilitating secondary cultivation activities.



Range

PH

Model	PH 4S	PH 5S	PH 6S	PH 4H	PH 5H
Stone release system	Shearbolt	Shearbolt	Shearbolt	Hydraulic	Hydraulic
Maximum horsepower requirements (hp)	220	220	220	220	220
Number of furrows	4	5	6	4	5
Under beam clearance (cm)	75/80	75/80	75/80	75/80	75/80
Point to point (cm)	90/100	90/100	90	90/100	90/100
Working width adjustments	Mechanical				
Working width (from-to) with plough distance 90 cm (cm)	142-183 [3 steps]	178-229 [3 steps]	213-274 [3 steps]	142-183 [3 steps]	178-229 [3 steps]
Working width (from-to) with plough distance 100 cm (cm)	163-201 [3 steps]	203-254 [3 steps]	-	163-201 [3 steps]	203-254 [3 steps]
Release height (mm)	405	405	405	540	540
Headstock axle diameter (mm)	150	150	150	150	150
Box section frame (mm)	150 x 150 x 9	150 x 150 x 9	150 x 150 x 9	150 x 150 x 9	150 x 150 x 9
App. weight, no options chosen (kg)	1310	1510	1715	1440	1720

- Not available

The PX range of ploughs.

The New Holland PX range of heavy duty ploughs have been engineered by design to deliver high performance no matter the depth, soil conditions or topography. Their sleek design, with minimal moving parts mean they keep going in even the most demanding conditions. Compatible with tractors of up to 360hp these ploughs are extendable for enhanced operating flexibility. The range is equipped with a quick coupling cross shaft that can be placed in four different positions.

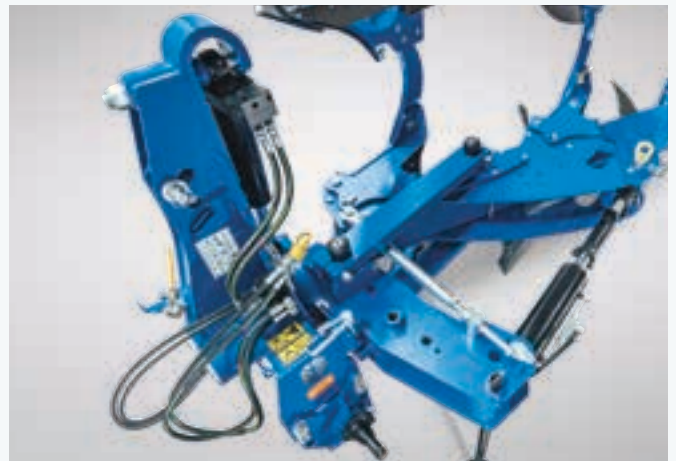
Adjustable working width

To enhance operational flexibility, the working width can be simply and easily adjusted in five steps.



Efficient turning

The 180mm diameter pivot shaft, equipped with needle bearings, dissipates the turning force over a wide area, reducing individual stress points. A hydraulic alignment ram automatically straightens the plough behind the tractor to provide a gentle turning action once the plough is back in the working position – further minimising the strain on the tractor.

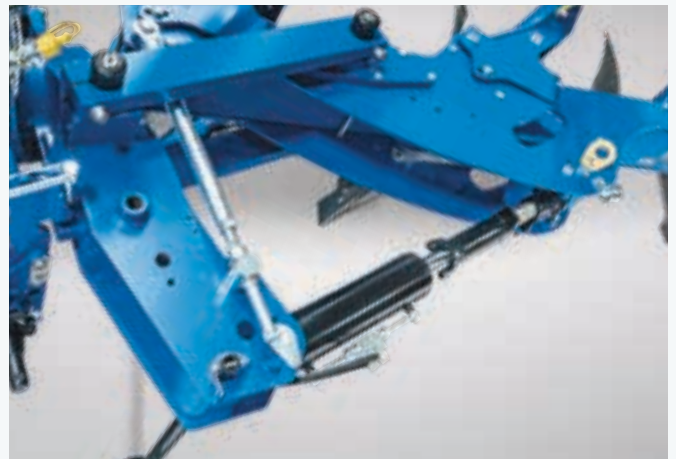


Plough alignment

The PX range is available with the hydraulic plough alignment system as standard.

First furrow adjustment

The first furrow adjustment mechanism ensures that the ploughing rows match up on the return pass. This prevents both ridges and drops in the field – facilitating secondary cultivation activities.





Range

PX

Model	PX 4S	PX 5S	PX 6S	PX 4H	PX 5H	PX 6H
Stone release system	Shearbolt	Shearbolt	Shearbolt	Hydraulic	Hydraulic	Hydraulic
Maximum horsepower requirements (hp)	360	360	360	360	360	360
Number of furrows	4	5	6	4	5	6
Under beam clearance (cm)	75/80	75/80	75/80	75/80	75/80	75/80
Point to point (cm)	90/100	90/100	90/100	90/100	90/100	90/100
Working width adjustments	Mechanical					
Working width (from-to) with plough distance 90 cm (cm)	122-224 (6 steps)	152-279 (6 steps)	183-335 (6 steps)	122-224 (6 steps)	152-279 (6 steps)	183-335 (6 steps)
Working width (from-to) with plough distance 100 cm (cm)	142-224 (5 steps)	178-279 (5 steps)	213-335 (5 steps)	142-224 (5 steps)	178-279 (5 steps)	213-335 (5 steps)
Release height (mm)	405	405	405	540	540	540
Headstock axle diameter (mm)	180/150	180/150	180/150	180/150	180/150	180/150
Box section frame (mm)	220 x 120 x 8	220 x 120 x 8	220 x 120 x 8	220 x 120 x 8	220 x 120 x 8	220 x 120 x 8
App. weight, no options chosen (kg)	1560	1850	2130	1700	2060	2350

The PMV range of ploughs.

New Holland's PMV range of ploughs offers the ultimate in ploughing flexibility. These reversible, fully mounted ploughs feature hydraulically operated working width adjustment – making customisable ploughing as easy as 1-2-3. These ploughs are compatible with tractors of up to 180hp.



Flexible turnover

The PMV range of ploughs can be turned in either direction and during the turning process, and while the frame is aligned, the working width remains the same.

Adjustable furrow width

With an adjustable furrow width of between 30 and 50 cm, the pivot point for the furrow width adjustment is positioned directly in the pulling line of the plough beam. This not only minimises the adjustment forces, but also bearing wear. All these pivot points are equipped with replaceable bushes which can be greased. Greasing reduces the force required to make the adjustment as well as preventing water and dust ingress.



Range

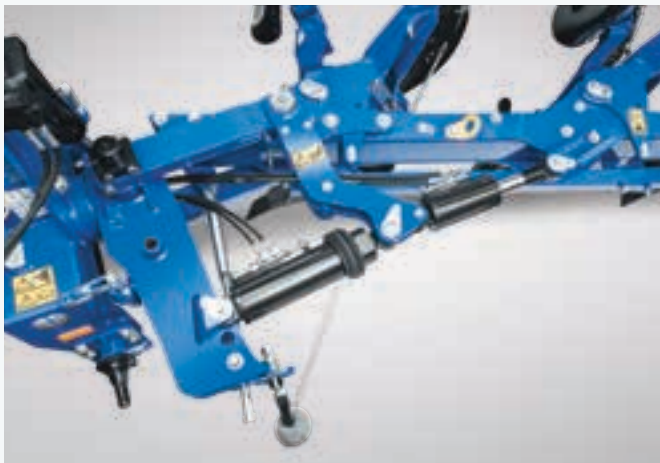
PMV

Model	PMV 3S	PMV 4S	PMV 5S	PMV 3H	PMV 4H
Stone release system	Shearbolt	Shearbolt	Shearbolt	Hydraulic	Hydraulic
Maximum horsepower requirements (hp)	180	180	180	180	180
Number of furrows	3	4	5	3	4
Under beam clearance (cm)	75/80	75/80	75/80	75	75
Point to point (cm)	90/100	90/100	90	85/100	85/100
Working width adjustments	Hydraulic				
Working width (from-to) with plough distance 90 cm (cm)	91 to 152	122 to 201	152 to 254	91 to 152	122 to 201
Working width (from-to) with plough distance 100 cm (cm)	91 to 152	122 to 201	-	91 to 152	122 to 201
Release height (mm)	405	405	405	540	540
Headstock axle diameter (mm)	125	125	125	125	125
Box section frame (mm)	150 x 100 x 8	150 x 100 x 8	150 x 100 x 8	150 x 100 x 8	150 x 100 x 8
App. weight, no options chosen (kg)	790	1010	1310	1520	1475

- Not available

The PHV range of ploughs.

New Holland's range of PHV ploughs offer outstanding all-round performance. Compatible with tractors of up to 225hp, this range is equipped with a heavy duty headstock and 150mm diameter pivot shaft and needle bearings.

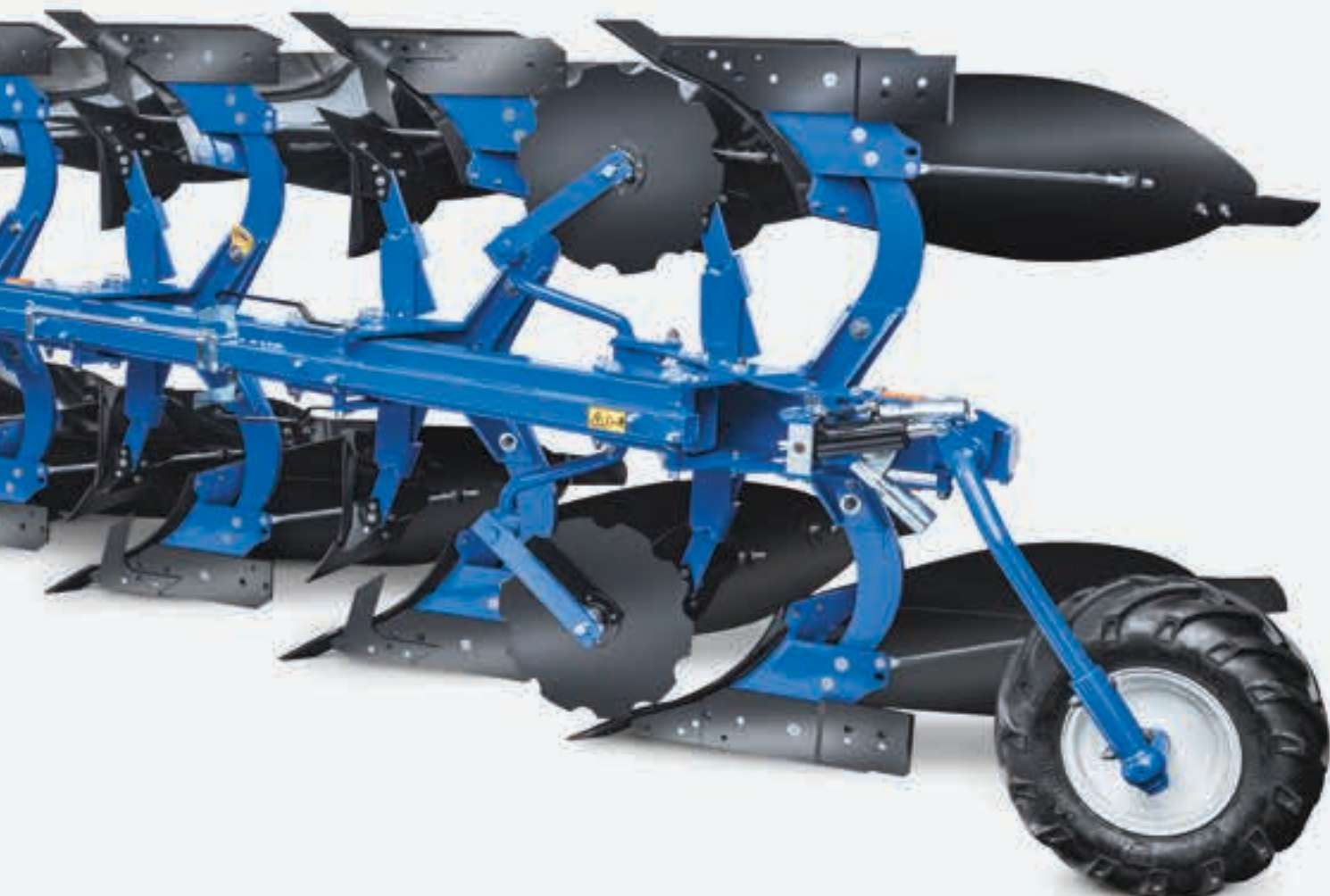


Alignment comes as standard

All models are equipped with a hydraulic alignment cylinder as standard – making that essential task just that little bit easier. Furthermore, the working width can be adjusted between 30-50cm. During the turning process, and while the frame is in alignment, the working width is not reduced.

On-the-go adjustment

The specific geometry of the PHV range's regulation system, mean that it is possible to adjust the working width on the go, ideal when encountering steep slopes or boggy areas, all with relatively low pressure. All pivot points in the adjustment system are equipped with replaceable bushes which can be greased. Greasing reduces the force required to make the adjustment as well as preventing water and dust ingress.



Range

PHV

Model	PHV 4S	PHV 5S	PHV 4H	PHV 5H
Stone release system	Shearbolt	Shearbolt	Hydraulic	Hydraulic
Maximum horsepower requirements	(hp) 220	220	220	220
Number of furrows	4	5	4	5
Under beam clearance	(cm) 75/80	75/80	75/80	75/80
Point to point	(cm) 90/100	90/100	85/100	85/100
Working width adjustments	Hydraulic			
Working width (from-to) with plough distance 90 cm	(cm) 122 to 201	152 to 254	122 to 201	152 to 254
Working width (from-to) with plough distance 100 cm	(cm) 122 to 201	152 to 254	122 to 201	152 to 254
Release height	(mm) 405	405	540	540
Headstock axle diameter	(mm) 150	150	150	150
Box section frame	(mm) 150 x 100 x 8	150 x 100 x 8	150 x 100 x 8	150 x 100 x 8
App. weight, no options chosen	(kg) 1310	1570	1490	1770

The PXV range of ploughs.

The PXV range of ploughs could be considered the benchmark for professional ploughing. Compatible with tractors of up to 360hp, these reversible, fully mounted ploughs feature hydraulically adjustable working widths. This extendable frame plough offers enhanced operational flexibility.

On-the-go adjustment

The specific geometry of the PXV range's furrow width setting means that it is possible to adjust the working width on the go, with relatively low pressure. All pivot points in the adjustment system are equipped with replaceable bushes which can be greased. Greasing reduces the force required to make the adjustment as well as preventing water and dust ingress.



Robust headstock

The robust headstock features a 180mm diameter pivot axle, which is placed in needle bearings for efficient distribution of the stress load.



Floating piston technology

The entire PXV range is equipped with a floating piston technology. One half of the cylinder manages the automatic alignment and the other controls the furrow width adjustment.



Efficient turnover

During the turning process, the furrow width automatically achieves the minimum position, then the plough reverses and the furrow width returns to the pre-set value.



Range

PXV

Model	PXV 4S	PXV 5S	PXV 6S	PXV 4H	PXV 5H	PXV 6H
Stone release system	Shearbolt	Shearbolt	Shearbolt	Hydraulic	Hydraulic	Hydraulic
Maximum horsepower requirements (hp)	360	360	360	360	360	360
Number of furrows	4	5	6	4	5	6
Under beam clearance (cm)	75/80	75/80	75/80	75/80	75/80	75/80
Point to point (cm)	90/100	90/100	90/100	90/100	90/100	90/100
Working width adjustments	Hydraulic					
Working width (from-to) with plough distance 90 cm (cm)	122 to 224	152 to 279	183 to 335	122 to 224	152 to 279	183 to 335
Working width (from-to) with plough distance 100 cm (cm)	122 to 224	152 to 279	183 to 335	122 to 224	152 to 279	183 to 335
Release height (mm)	405	405	405	540	540	540
Headstock axle diameter (mm)	180/150	180/150	180/150	180/150	180/150	180/150
Box section frame (mm)	220 x 120 x 8	220 x 120 x 8	220 x 120 x 8	220 x 120 x 8	220 x 120 x 8	220 x 120 x 8
App. weight, no options chosen (kg)	1770	2060	2340	1910	2280	2510

The PXV OL range of ploughs.

The New Holland range of heavy duty, fully mounted reversible PXV OL – On-Land – ploughs can operate either with the tractor in the furrow or on the unploughed ground, ideal for larger tractors running on wider tyres. When working in on-land configuration, the plough is perfectly balanced during turnover without any additional alignment movement – this makes the turnover process even quicker and easier.



Converting ploughing modes

It is simply a case of shifting two lockers when operators wish to switch from in-furrow to on land operation.



In-furrow operation

When working in-furrow mode, automatic alignment to the minimum working width occurs before the plough is turned. When the furrow width is changed, the plough automatically adjusts the front furrow accordingly.



Safe transport

When transporting the plough in butterfly configuration, both the tractor and the plough are protected from shock loads which arise from encountering uneven road surfaces at speed. The weight of the plough is shared between the tractor lower link arms and the depth wheel when converted to transport configuration.



Range

Model	PXV OL		
	PXV OL 5H	PXV OL 6H	PXV OL 7H
Stone release system	Hydraulic	Hydraulic	Hydraulic
Maximum horsepower requirements (hp)	360	360	360
Number of furrows	5	6	7
Under beam clearance (cm)	75/80	75/80	75/80
Point to point (cm)	90	90	90
Working width adjustments	Hydraulic		
Working width (from-to) with plough distance 90 cm (cm)	152 to 279	183 to 335	213 to 391
Working width (from-to) with plough distance 100 cm (cm)	-	-	-
Release height (mm)	540	540	540
Headstock axle diameter (mm)	180/150	180/150	180/150
Box section frame (mm)	220 x 120 x 8	220 x 120 x 8	220 x 120 x 8
App. weight, no options chosen (kg)	2800	3100	3400

- Not available

The PSH and PSHV range of ploughs.

New Holland has designed the PSH range of ploughs for high capacity ploughing. The range is available in ultra-high capacity five to eight furrow configurations. All models benefit from robust frames that offer high ground clearance.

The New Holland range of PSHV ploughs incorporates heavy duty beam housing technology. All models feature high ground clearance. Featuring one of the largest wheel dimensions available on the market – 420/70 R25 – when fitted, this delivers low pull resistance during field work, and high stability during road transport. The PSHV range is compatible with tractors of up to 360hp.

Easy transport

The PSH range's overall narrow transport width, low centre of gravity and ideal weight distribution make for easy and efficient transport, even when traveling over rough and uneven surfaces.



Stone protection

The PSHV range is fitted as standard with individual shear bolt protection, however, those operators working in stony ground can select the optional, fully automatic hydraulic stone release system.



Excellent clearance

A large area of free space around the large rear depth wheel allows residue material to flow past and makes for trouble free ploughing in difficult conditions.





Range

PSH

Model	PSH 6S	PSH 7S	PSH 8S	PSH 6H	PSH 7H	PSH 8H
Stone release system	Shearbolt	Shearbolt	Shearbolt	Hydraulic	Hydraulic	Hydraulic
Maximum horsepower requirements (hp)	360	360	360	360	360	360
Number of furrows	6	7	8	6	7	8
Under beam clearance (cm)	80	80	80	80	80	80
Point to point (cm)	100	100	100	100	100	100
Working width adjustments	Mechanical					
Working width (from-to) with plough distance 90 cm (cm)	-	-	-	-	-	-
Working width (from-to) with plough distance 100 cm (cm)	244-305 (3 steps)	284-356 (3 steps)	325-406 (3 steps)	244-305 (3 steps)	284-356 (3 steps)	325-406 (3 steps)
Release height (mm)	405	405	405	540	540	540
Headstock axle diameter (mm)	-	-	-	-	-	-
Box section frame (mm)	150 x 250 x 8	150 x 250 x 8	150 x 250 x 8	150 x 250 x 8	150 x 250 x 8	150 x 250 x 8
App. weight, no options chosen (kg)	2600	2800	3000	2900	3100	3500

- Not available

Range

PSHV

Model	PSHV 5S	PSHV 6S	PSHV 7S	PSHV 8S	PSHV 5H	PSHV 6H	PSHV 7H	PSHV 8H
Stone release system	Shearbolt	Shearbolt	Shearbolt	Shearbolt	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Maximum horsepower requirements (hp)	360	360	360	360	360	360	360	360
Number of furrows	5	6	7	8	5	6	7	8
Under beam clearance (cm)	80	80	80	80	80	80	80	80
Point to point (cm)	100	100	100	100	100	100	100	100
Working width adjustments	Hydraulic							
Working width (from-to) with plough distance 90 cm (cm)	-	-	-	-	-	-	-	-
Working width (from-to) with plough distance 100 cm (cm)	152 to 279	183 to 335	213 to 391	244 to 447	152 to 279	183 to 335	213 to 391	244 to 447
Release height (mm)	405	405	405	405	540	540	540	540
Headstock axle diameter (mm)	-	-	-	-	-	-	-	-
Box section frame (mm)	220 x 120 x 10	220 x 120 x 10	220 x 120 x 10	220 x 120 x 10	220 x 120 x 10	220 x 120 x 10	220 x 120 x 10	220 x 120 x 10
App. weight, no options chosen (kg)	2750	3000	3250	3500	2950	3150	3400	3650

- Not available

Plough body options.

A range of plough body options enable operators to further customise their plough bodies to ensure the most efficient and productive ploughing possible.



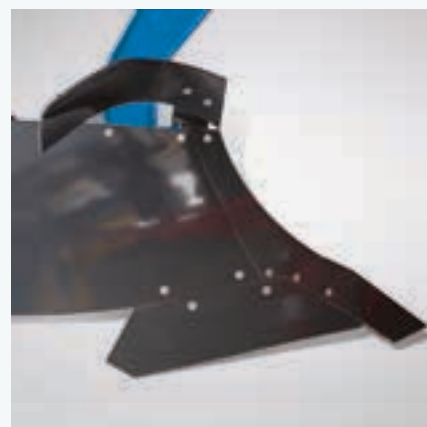
Frog cover plate

Designed to enhance the lifetime of the frog, as well as to minimise productivity-impacting downtime. This option is available on all ploughs and on all body types.



Wearing plate

To reduce wear on the landside, a wearing plate can be added to the outside. Wearing plates are available for all furrows or can simply be fitted to the last furrow. This option is available on all ploughs and on all body types.



Universal coverboard

When working in field with a large volume of surface residue, plough bodies can be extended with a coverboard. This coverboard buries the residue before the plough body starts to turn the soil.



EG skimmers

Designed for operations seeking good weed control or those ploughing grassland, the EG skimmer works well in firmer soils and produces a continuous furrow slice.



EP skimmers

EP skimmer are manufactured in plastic for optimal performance in sticky and boggy soils.



EM skimmers

The EM range of skimmers has been designed to manage large volumes of crop residue. The convex mouldboard enables residue to pass either side of the skim shank. EM skimmers work well in tandem with the disc coulters.



Disc coulters

Disc coulters are especially useful when working in fields with large quantities of residue. By cutting deep into the soil, they ensure a clean edge. New Holland offers three distinct types of coulters: plain, notched and rippled.

Ploughing depth.

In field tractor traction is improved through the use of hydraulic draft control to determine plough depth. When soil conditions vary, however, in some cases the operator may need to use the depth control lever to ensure uniform ploughing depth. The use of a depth wheel on a plough assists the operator – as it is well known that the most uniform ploughing occurs when the depth wheel and draft control are used in tandem.

Ploughing depth wheel range

New Holland offers a range of wheels to suit individual operating requirements.

WHEELS MEDIUM RANGE



Steel – ø 500x160 mm



Rubber – ø 7.00-12



Double center wheel – 23x8.50-12



Rubber/Combi – ø 10.0/80-12/8



Maximum traction wheel -
26x12.00-12

WHEELS HEAVY RANGE



Combi wheel



Combi side mounted - 11.5-80 15.3
Combi side mounted - 11.5-80 15.3 W/HDC

Wheel options.

A whole range of wheels are available. Operators should select which wheels best suit their plough configuration and soil conditions.

	PL S	PL H	PM S	PM H	PMV S	PMV H	PH S	PH H	PHV S	PHV H	PX S	PX H	PXV S	PXV H	PXV OLH	PSH S	PSH H	PSHV S	PSHV H
Pendelum steel	○	○	○	●	●	●													
Pendelum rubber	○	○	○	○	○	○													
Pendelum rubber tractor	○	○	○	○	○	○	○	●	●	●									
Pendelum rubber tractor						○			○										
Double steel	○	○	○	○	○	○													
Double rubber	○	○	○	○	○	○			○	○									
Combi rear mounted			○	○	○	○													
Combi side mounted							○	○											
Combi butterfly			○	○	○	○	○	○	○	○									
Combi 260/70-16							○	○			●	●	●	●	○				
Combi 11.5-80 15.3											○	○	○	○					
Combi 340/55-16											○	○	○	○	○				
Combi 260/70-16 W/HDC											○	○	○	○	○				
Combi 11.5-80 15.3 W/HDC											○	○	○	○	○				
Combi 340/55-16 W/HDC											○	○	○	○	○				
Combi side mounted 11.5-80 15.3											○	○	○	○	○				
Combi side mounted 11.5-80 15.3 W/HDC											○	○	○	○	○				
420/70R24																●	●	●	●

● Standard ○ Optional

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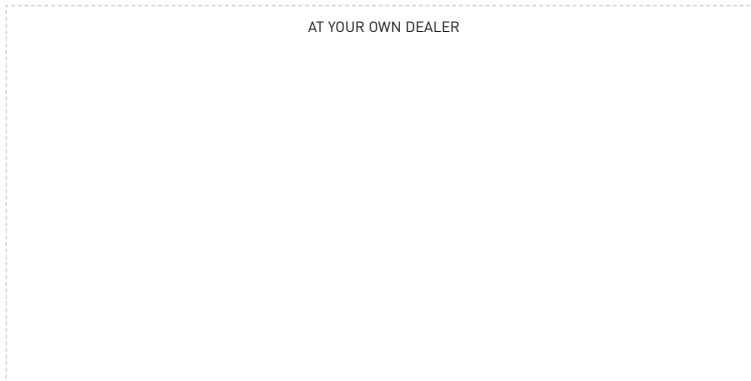
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* Calls to the Top Service team are free from landlines in the United Kingdom and Republic of Ireland. UK-based mobile calls are also free, but Republic of Ireland mobile users should call 01 2421881 and this will be charged at your standard network rate.



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