

PEARSON
Engineering Ltd



IMPLEMENTS





New Zealand manufacturers of front end loaders and implements since 1970.

Pearson Engineering Ltd has been operating since 1970 and is based in Matamata, the centre of the Waikato farming community. Pearson loaders, implements, effluent handling equipment and grader blades have stood the test of time, both in terms of quality and innovative new designs. They are able to supply not only products to suit current tractor models, but also older models that are still in operation.

A wide range of Pearson implements are available to fit onto a wide variety of front end loaders models. All implements are designed and manufactured to the highest quality standards, with the end user and practical use in mind.



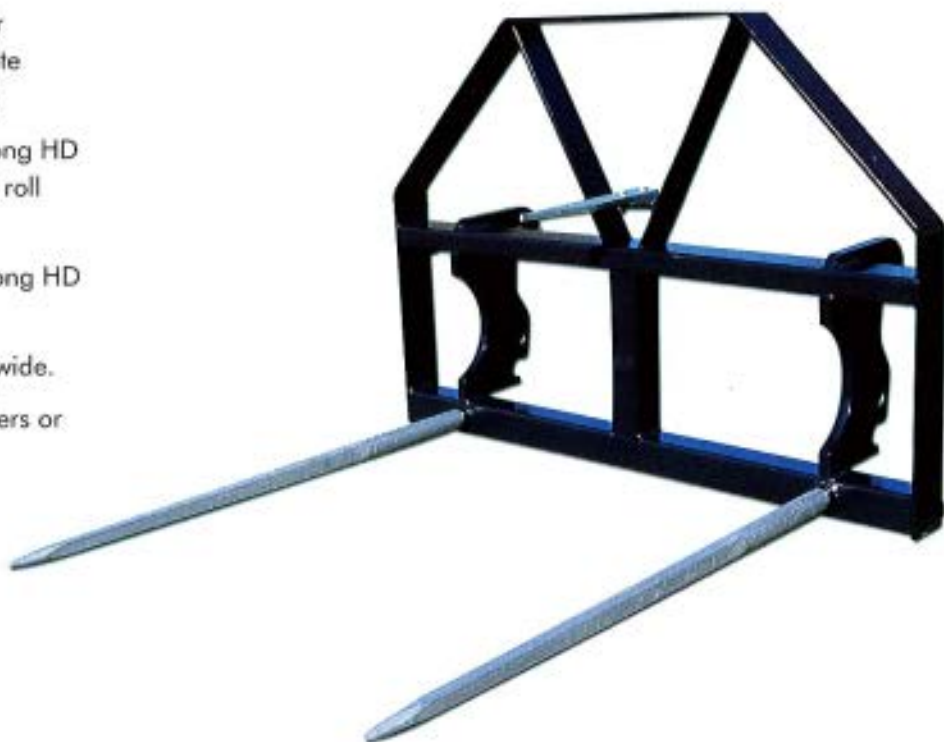
SILAGE FORK

- Ideal for both long and fine chopped silage.
- 1.3m wide has 7 silage tines, 810mm long.
- 1.6m wide has 9 silage tines, 810mm long.
- Has a high back frame to prevent material falling back.
- Bolt on high back extension frame.
- Back plates available for all loaders or telehandlers.



BIG BALE FORK

- Good for handling all bales round or square. Has a large conus to eliminate loosening of tines. Heavy conus wall.
- Round bales: standard with 1.25m long HD tines and with safety tine to minimise roll back risk.
- Square bales: available with 1.0 m long HD tines.
- Both round and square bales: 1.3m wide.
- Back plates are available for all loaders or telehandlers.





COMBO FORK

- Dual purpose big bale or silage fork. Simply use either set of tynes to do the job you require.
- 1.3m wide and supplied complete with seven silage tines, two HD big bale tines and a safety tine.
- 1.6m wide option supplied with nine silage tines, two HD big bale tines and a safety tine.
- Back plates are available for all loaders or telehandlers.



PALLET FORK

- This fork makes your loader more versatile for the modern methods of delivery these days. You place your deliveries just where you want them quickly and efficiently. Allows for easy double handling.
- Fully adjustable forged forks with position lock.
- Back plates available to suit all makes of loaders or telehandlers.





LOG FORK

- This fork is designed to handle logs and posts safely. Horns are for preventing roll back. It has a blade at the base to remove small stumps and level off knobs for fence lines.
- Tines are fabricated tapered box.
- Optional hydraulic tusk is available (third service required) which prevents longer logs tipping out sideways (note: this is not available to suit single crowd loaders).
- The hydraulic ram is well protected.
- 1.5m wide.
- Back plates to suit all loaders.



FENCE POST CLAMP

- Third service required.
 - The tusk clears for use as a pallet fork. The blade and tines are designed to cut off knobs and push out stumps. The tusk clamps a full bundle of posts and closes down to grip one post.
 - Tines are spaced to handle standard pallets.
 - Back plates available for all loaders or telehandlers.
 - Replaceable bushes in all pivot points.
- Weight: 285kg





WRAPPED BALE CLAMPS

STANDARD

- Third service required.
- Lifts, carries and rotates bales without damage to wrap. Curved arms clamp the bale firmly and with no equaliser bar it lessens damage to surrounding bales when stacking and won't move your bale on the cut stubble damaging the wrapping, ie. if you are not square-on to the bale.
- Rounds and small squares are handled with ease. These are ideal for farmers.
- Back plates available to suit all loaders.
- Available with or without equaliser bar.



COMBI

- Third service required.
- Lifts, carries and rotates the largest of rounds and squares without damage to wrap. Ideal for large farms and contractors handling different sized bales. Curved arms clamp the bale firmly, with no equaliser bar it lessens damage to surrounding bales when stacking and won't move your bale on cut stubble damaging the wrapping, ie. if you are not square-on to the bale.
- Designed with safety in mind by picking up and crowding into dump position therefore transferring weight onto the rear wheels of the tractor and keeping a low centre of gravity.
- Ideal for shifting bales to wrapper etc.
- Opens to 2.10 metres.
- The clamp has replaceable bearings on all pivots points and replaceable bearing plates supporting the arms.



- Back plates are available for all loaders and telehandlers.
- Can be mounted on tractor three point linkage.
- Compact design.



SILAGE GRABS

FORGED

- Third service required.
- Perfect for silage, reduces wastage and time spent loading.
- Grab opens to 1450mm from point to point, enabling the grab to handle big square bales and round bales.
- Clamp has forged tines.
- Available in 1.2m, 1.5m and 1.8m widths.
- 1.2m grab utilises a single hydraulic cylinder.
- 1.5m and 1.8m grabs utilise two hydraulic cylinders.
- Back plates are available for most loaders and tele-handlers.



MODEL	CAPACITY	BLOCK DIMENSIONS	UNLADEN WEIGHT
1.2 silage grab	0.58 m ³	1.2 x 0.6 x 0.8	215kg
1.5 silage grab	0.72 m ³	1.5 x 0.6 x 0.8	320kg
1.8 silage grab	0.87m ³	1.8 x 0.6 x 0.8	290kg

PROFILE

- Third service required.
- Perfect for silage, reduces wastage and time spent loading.
- Grab opens to 1450mm from point to point, enabling the grab to handle big square bales and round bales.
- Clamp has flame cut Bisalloy 360 fines.
- Available in 1.2m, 1.5m and 1.8m widths.
- 1.2m grab utilises a single hydraulic cylinder.
- 1.5m and 1.8m grabs utilise two hydraulic cylinders.
- Back plates are available for most loaders and tele-handlers.





SHEAR GRAB

- Third service required.
- This is the ultimate! It leaves a clean cut face to help eliminate spoilage and wastage.
- Bisalloy cutting knives are razor sharp and for efficient operation they need maintaining regularly with an oilstone or a diver's knife sharpener.
- Back plates are available to suit all loaders and telehandlers.
- High capacity due to solid lump being extracted, care required when specifying for a particular size tractor and/or loader.



MODEL	BLADE TYPE	CAPACITY	BLOCK DIMENSIONS	UNLADEN WEIGHT
1.2 shear grab	plain	0.62 m ³	1.2 x 0.65 x 0.8	375kg
1.5 shear grab	plain	0.78 m ³	1.5 x 0.65 x 0.8	425kg
1.8 shear grab	plain	0.92 m ³	1.76 x 0.65 x 0.8	480kg



SILAGE TEETH

FINE CHOP SILAGE BUCKET TEETH

- This attachment makes it easier to get into the stack and get a full bucket load of silage. The teeth lift the bucket about 5mm off the floor allowing the bucket to break into the stack much easier, with the added bonus of saving your tractor's clutch. It adds approximately 150mm to your bucket increasing the capacity substantially.
- Widths available to suit most Pearson buckets and can be adapted to suit other makes.
- It is fixed using one or two bolts, depending on the size (holes to be drilled into bucket to suit).





BUCKETS

BUCKET

- Optional widths and capacities available.
- Cutting edges made from hard wearing Bisalloy 360 for long life.
- Bucket sides are tapered for easy discharge.
- Wear plates as standard.
- Standard shell buckets are designed to handle gravel and soil with a massive tear out force.
- Deep shell buckets available for extra capacity.
- Large/light material handling buckets also available.
- Wider cutting edge (150mm).
- Double thickness backing plate.
- 300 grade 5mm steel construction.
- Longer flat bottom, wider throat, and top of backing plate acts as level guide.



1.3m SHELLS

BUCKET	CAPACITY (LEVEL M ³)	CAPACITY (HEAPED M ³)
1.5 x 1.3	0.40	0.51
1.8 x 1.3	0.48	0.62
2.1 x 1.3	0.56	0.72
2.4 x 1.3	0.64	0.82

1.5m SHELLS

BUCKET	CAPACITY (LEVEL M ³)	CAPACITY (HEAPED M ³)
1.5 x 1.5	0.52	0.67
1.8 x 1.5	0.62	0.80
2.1 x 1.5	0.73	0.94
2.4 x 1.5	0.83	1.10

1.7m SHELLS

BUCKET	CAPACITY (LEVEL M ³)	CAPACITY (HEAPED M ³)
2.1 x 1.7	0.88	1.14
2.4 x 1.7	1.00	1.30

AUGER BUCKET

- Third service required.
- The implement is perfect for fitting to your front end loader, and is specifically designed to handle fine chop maize silage, meal mix, kiwifruit, etc. The top auger agitator keeps the material from bridging/cavitating. The augers are hydraulically driven.
- Back plates available for most loaders or telehandlers.
- Available for three point linkage hydraulic top link required.
- 2.4m in width with a capacity of 1.2m³.





BUCKETS

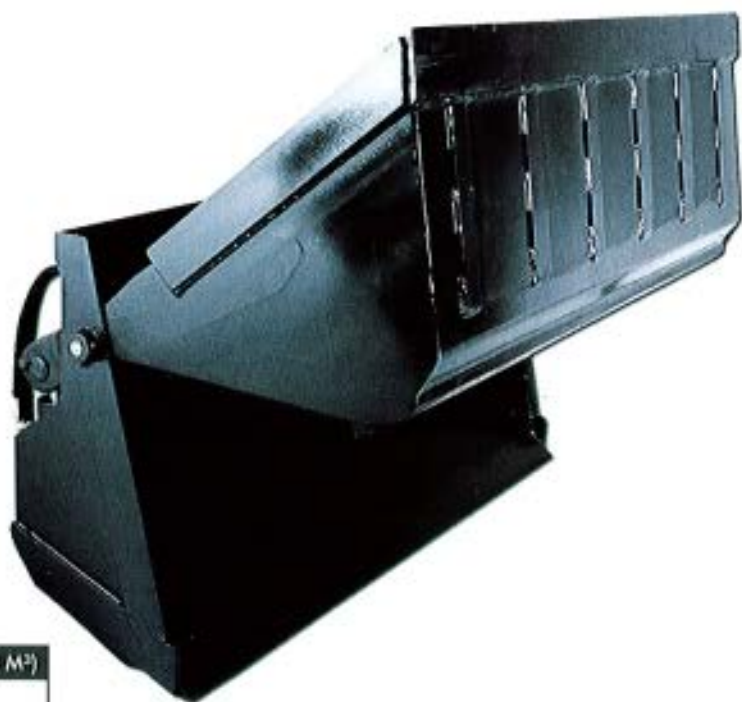
BUCKET GRAB

- Third service required.
- It is ideally suited for feeding/loading of multiple products as it eliminates the changing of implements. The round backed design allows for easy cleaning.
- 1.8m and 2.1m wide options available.
- The cutting edge made from hard wearing Bisalloy 360.
- Replaceable bushes in all pivot points.
- Back plates available for most loaders or telehandlers.



FOUR IN ONE BUCKET

- Third service required.
- This is just the tool to make your loader more versatile. It enables you to dig, blade, pull back and clamp up with the mouth. The bottom of the bucket shell is reinforced double skin.
- Twin rams, both well protected.
- Both cutting and side edges made from hard wearing Bisalloy 360.
- Range of sizes to suit all loaders.
- Back plates available to suit most loaders or telehandlers.



WIDTH (M)	CAPACITY (LEVEL M ³)	CAPACITY (HEAPED M ³)
1.5	0.32	0.41
1.8	0.38	0.49
2.0	0.43	0.55





QUICKHITCHES

20 SERIES

- A quick attachment system for coupling and uncoupling implements. You simply unpin the bucket, pin the Quickhitch on and then pick your bucket up with the Quickhitch.
- No more cut fingers and hammering of pins when changing implements.
- A self locking unit is standard on all 20 Series loaders.



EURO

- Euro style Quickhitch allows your Pearson loader to pick up all attachments with Euro back plates.
- Self locking is standard on the Pearson Euro Quickhitch. A simple spring loaded mechanism locks when the implement is crowded fully back.





QUICKHITCHES

35MM

- Quickhitch suitable for 3218 and 3518, single or twin crowd tractors.
- Available in 20-35 to allow new loaders to pick up earlier style implements.



REAR QUICK HITCH

The Pearson Rear Quickhitch has been designed for ease of use. The hitch stands unsupported to allow quick alignment and no need to manually lift the hitch onto the tractor. Once on, the clear view of the pin from the driver's seat ensures an effortless hook up every time.

- 15 tonne rated.
- Clear view of pin from cab.
- Wear plate under pin.





GRADER BLADES

Pearson grader blades are ideal for track maintenance, back filling, landscaping and vee draining. The hydraulic versions are particularly versatile, especially when a third hydraulic service kit option is specified. This enables a tractor rear remote service to be doubled by the use of a six port divertor.

Pearson grader blades are available in:

Mighty: 2.1 and 2.4 hydraulic and manual

Heavy Duty: 2.1 and 2.4 manual

Regular: 1.8 and 2.1 manual

Features include:

- Well formed mould board offering excellent cleaning ability. Reversible cutting edges.
- Pins support both sides of the adjustment plate for strength and durability.
- There are a vast range of adjustment positions for each function with the regular and heavy duty blades.
- Super strong, re-tensionable, greasable angle/pivot pins for long life. Monocoque chassis for extra strength (Mighty only).
- Super strong headstock using 50mm pivot pin. Parking leg standard. Double clevis mounting to three point linkage.

- All blades are fully reversible.
- Excellent movement in all three areas angle, camber and offset. Back of blades are clear so there is less chance of damage when reversing up.
- Industrial heavy duty levelling wheel (Mighty only).
- Reinforced mould board to outside edge for strength and durability (Mighty and Heavy Duty).

Optional extras:

- Levelling wheels
- Scarifier teeth
- Third service (manual and electric options)
- Manual, 1, 2 or 3 rams
- Rams retro-fittable

Note: tractors with Cat.3 Quicklink lower link require modified mounting plates. Advise at time of purchase.
Blade angle relative to tractor = offset angle plus set angle.

MODEL	BLADE WIDTH	POWER RANGE	WEIGHT (kg)	REACH (max)	ANGLE (max)	CAMBER (max)	OFFSET ANGLE
Mighty - Manual	2100	70-140	500	1760	+/- 400	360	37
Mighty - Hydraulic	2100	70-140	520	1910	+/- 400	360	37
Mighty - Manual	2400	70-140	520	1760	+/- 400	360	37
Mighty - Hydraulic	2400	70-140	540	1910	+/- 400	360	37
Regular	1800	40-60	320	1485	+/-52	45	30 RH 36 LH
Regular	2100	40-70	335	1635	+/-52	45	30 RH 36 LH
Heavy Duty	2100	60-80	395	1636	+/-52	45	30 RH 36 LH
Heavy Duty	2400	60-90	410	1786	+/-52	45	30 RH 36 LH



GRADER BLADES

MIGHTY GRADER BLADE



MIGHTY GRADER BLADE WITH LEVELLING WHEEL



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