

# LOADERS



# HARDY



*Excellence in the field!*



# One Team, One Goal

For over 25 years, **Hardy Equipment** has been specializing in the manufacture of front-end loaders. All this time, we have remained constantly in touch with consumers and have been systematically improving the quality of our products. This has enabled us to efficiently respond to your needs...

Today, it is with pride that we present to you the *new version* of Hardy loaders.

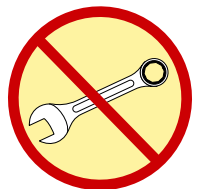
In addition to offering a complete range of loaders for 15 HP to 180 HP tractors, **Hardy Equipment** also specializes in the manufacture of backhoes, log grapples and trailers.

With a new image, an experienced team and one objective in mind - excellence in the field - **Hardy Equipment** aims at nothing less than your total satisfaction.

## Attachment System:

### *Quick and Easy Mounting!*

*3 steps, no tools, and only a few minutes of your time*



#### Step 1

With loader in the storage position, bring your tractor up close to connect hydraulic lines.



#### Step 2

Advance tractor while using hydraulic lift cylinder lever to place loader frame horizontally in mounting position.



#### Step 3

Once the two attachment handles are snapped in place, your Hardy loader will be ready for hard work.



#### Step 1A

A quick coupler bracket located on the mounting kit provides easy hydraulic hose connections. Coloured coded dust caps seal the ends and prevent risk of error.



#### Step 2A

Handles on each side of the loader allow for quick and easy attachment. No effort is required, simplicity at your finger tips.

2



**HARDY**

**Most Hardy loaders are available in two versions, ST (Standard) or DL (De luxe).**

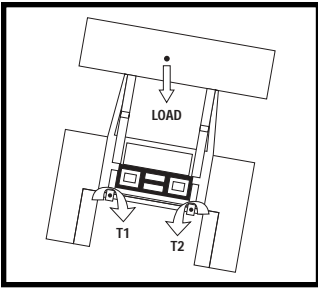
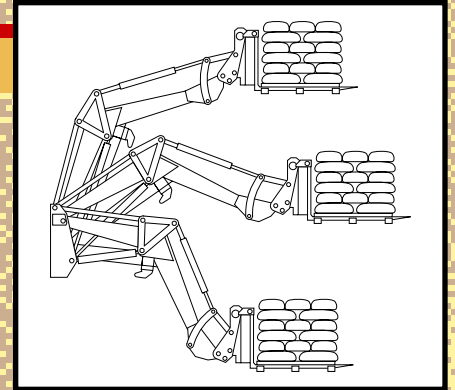
# Key Advantages of the Hardy Loaders

## Mechanical self-leveling and industrial type bucket linkage (DL)

- Automatically maintains a stable angle to the ground throughout operations.
- With a bucket, allows for roll back that is greater than all other conventional models.

### Advantages of the DL Model

- Reduces risk of load spilling onto the tractor.
- Reduces risk of accidents.
- Allows for work to be done more quickly.
- Increases pay load capacity by 25% at lower levels.

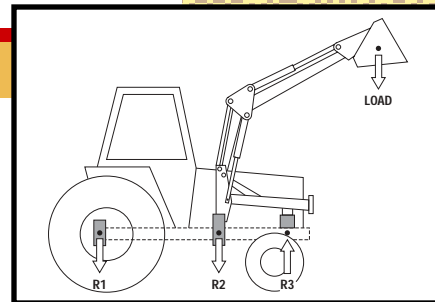


## Reduces twisting on the chassis

- A crossbar on the front of all Hardy loaders makes them more sturdy this decreases torsional twist (T1 and T2) created by load on the tractor's chassis.
- The crossbar on our loader is both safe and practical. It can be adjusted according to the position of your tractor's headlights. It can also serve as a support for additional stability on the ground when removing the loader. Finally, it also protects the front of your tractor during loading manoeuvres.

## Reduced bending on the chassis

- Two support points (R2 and R3) on either side of the tractor distributes the weight of the load evenly. This reduces the stress on the tractor's chassis.
- Support point R3 reduces rear-wheel lifting when lifting a load.



## See how Hardy "is attached" to your tractor

Each side frame is designed to be both robust and discreet. All our frame connections are constructed to allow maximum access to your engine.





# Decisive Advantages

For over 25 years, *Hardy Equipment* has been perfecting the art of designing and manufacturing high performance loaders, according to specific customer needs. There is a wide range of mounting kits available, suited for most 15 Hp. to 180 Hp. tractors. You are bound to find a loader that is perfectly adaptable to your requirements.



### Pivot points

Loaders model are equipped with changeable bushings located at all pivot points.

(Except Model 25 and 35, which have changeable bushings located at strategic pivot points)

### Paint and finish

Cleaned and painted using a special baked-on technique to produce a finish that will last many years. Certain colours are available on request.

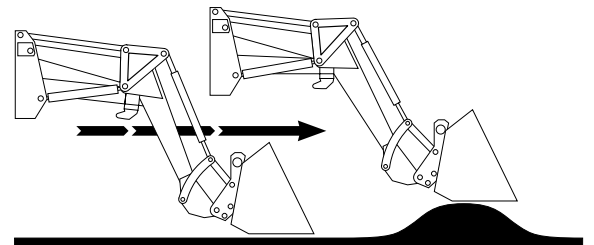
Bucket level indicator  
Allows operator to quickly and easily determine the angle of bucket to the ground.

1 1/2" pivot pin and brace plate



Single lever control, three function

This option includes an oil outlet in front of the loader, which allows you to use different options requiring hydraulic power.



### Free-floating position

By placing your single lever in this position, pressure is relieved on the lift cylinders when positioning the loader to accommodate ground level.

### Adjustable support stand

The loader is delivered with a single two-function control lever, mounted on an adjustable support stand, which allows for different positions adaptable to each operator.

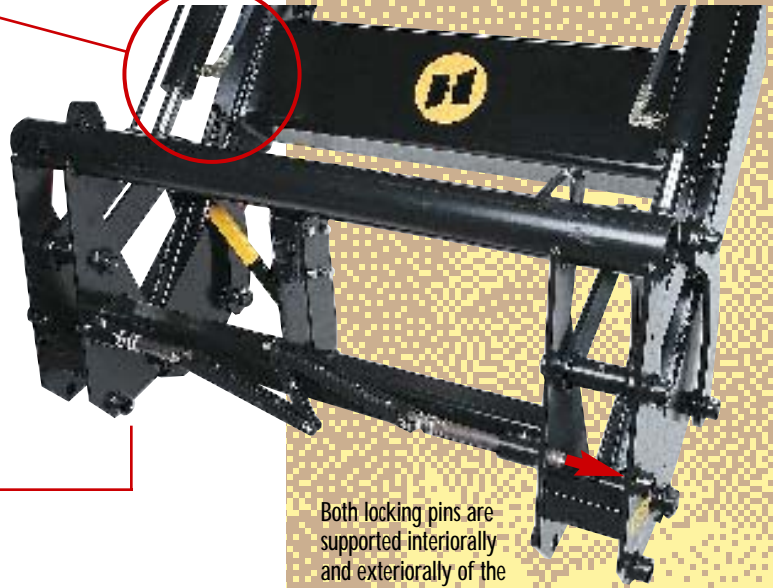


**Optional:**

- Round bale spear
- Chain hooks
- Hydraulic locking quick attach

**Cross bracing**

A sleeve on each side ensures greater resistance to bending and cracking, and because of its positioning, it provides increased visibility for the operator.



Both locking pins are supported interiorly and exteriorly of the quick attach frame.

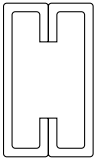
**Quick attach**

Sturdiness (industrial type), flexibility (optional round bale fork and hook), and quick easy operation (optional hydraulic locking quick attach) puts this machinery in a class of its own.



**Hardy buckets**

Buckets are equipped with an extra-strong structure, a double bottom, a blade made of special steel and all-in-one industrial-type quick attach brackets.



**Framework**

Its precise manufacturing using special steel makes our loader extra strong and exceptionally sturdy. An additional guarantee of quality!



**Superior breakaway force**

Compared to conventional models, the distance between the two connection points, which is superior on Hardy models, allows for greater breakaway force.



**Quality control**

All Hardy loaders are factory tested above normal pressures to ensure quality before delivery.





# Hardy loaders

- The ST models do not include the advantages of the DL models described on Page 3.
- The following data is calculated in accordance with S.A.E. standards and may vary depending on the tractor and bucket model.
- A counterweight may be required to ensure proper distribution of weight, depending on the make and model of tractor.
- We reserve the right to make any modifications without prior notice.

Description	25 ST		35 ST		35 DL		45 ST		45 DL		55 ST		55 DL	
A Maximum lift height	6'-7"	2.00 m	7'-9"	2.36 m	7'-10"	2.39 m	8'-6"	2.59 m	8'-9"	2.67 m	9'-5"	2.87 m	9'-9"	2.97 m
B Clearance under bucket	5'	1.52 m	6'-2"	1.88 m	6'-2"	1.88 m	5'-11"	1.80 m	6'-2"	1.80 m	6'-11"	2.10 m	7'-3"	2.10 m
C Dumping angle at maximum height	40°		40°		45°		40°		45°		42°		45°	
D Maximum roll back at ground level	17°		17°		40°		17°		40°		17°		40°	
E Digging depth	4"	10.2 cm	4"	10.2 cm	4"	10.2 cm	2 1/2"	6.3 cm	4 1/2"	11.4 cm	2 1/2"	6.3 cm	4 1/2"	11.4 cm
F Overall height in carrying position	42"	1.07 m	49 1/4"	1.25 m	53"	1.35 m	55"	1.40 m	59"	1.50 m	59 1/2"	1.51 m	63"	1.60 m
1 Maximum lift capacity at full height	781 lbs	355 kg	1100 lbs	500 kg	1100 lbs	500 kg	2000 lbs	909 kg	2000 lbs	909 kg	2300 lbs	1045 kg	2300 lbs	1045 kg
2 Breakaway force	1463 lbs	665 kg	1530 lbs	694 kg	1495 lbs	678 kg	3800 lbs	1727 kg	3600 lbs	1636 kg	4200 lbs	1909 kg	4400 lbs	2000 kg
3 Lift cylinder	1 3/4"	4.4 cm	2"	5 cm	2"	5 cm	2 1/2"	6.3 cm	2 1/2"	6.3 cm	2 1/2"	6.3 cm	2 1/2"	6.3 cm
4 Lift cylinder rod	1"	2.54 cm	1 1/4"	3.1 cm	1 1/4"	3.1 cm	1 1/2"	3.8 cm	1 1/2"	3.8 cm	1 1/2"	3.8 cm	1 1/2"	3.8 cm
5 Bucket cylinder	1 3/4"	4.4 cm	2"	5 cm	2"	5 cm	2"	5 cm	2"	5 cm	2"	5 cm	2 1/2"	6.3 cm
6 Bucket cylinder rod	1"	2.54 cm	1 1/4"	3.1 cm	1 1/4"	3.1 cm	1 1/4"	3.1 cm	1 1/4"	3.1 cm	1 1/4"	3.1 cm	1 1/2"	3.8 cm
7 Loader weight without bucket*	340 lbs	155 kg	390 lbs	177 kg	520 lbs	230 kg	860 lbs	390 kg	990 lbs	450 kg	940 lbs	427 kg	1160 lbs	527 kg
8 Bucket weight	190 lbs	86 kg	230 lbs	104 kg	230 lbs	104 kg	380 lbs	172 kg	380 lbs	172 kg	380 lbs	172 kg	380 lbs	172 kg
9 Lift time at maximum height	3.8 seconds		3.1 seconds		3.1 seconds		3.3 seconds		3.3 seconds		3.3 seconds		3.3 seconds	
10 Lowering time	2.6 seconds		2.1 seconds		2.1 seconds		2.1 seconds		2.1 seconds		2.1 seconds		2.1 seconds	
11 Bucket dumping time	3.8 seconds		2.7 seconds		3.1 seconds		2.2 seconds		2.2 seconds		2.2 seconds		3.5 seconds	
12 Recommended hydraulic pressure	1700 PSI	11.17 MPa	2100 PSI	14.5 MPa	2100 PSI	14.5 MPa	2400 PSI	16.57 MPa	2400 PSI	16.57 MPa	2400 PSI	16.57 MPa	2400 PSI	16.57 MPa
13 Flow of pump used	6 GPM	29.5 l/m	7.8 GPM	38.4 l/m	7.8 GPM	38.4 l/m	15 GPM	73.5 l/m	15 GPM	73.5 l/m	15 GPM	73.5 l/m	15 GPM	73.5 l/m

\*N.B.: Loader weight does not include mounting frame kit weight.

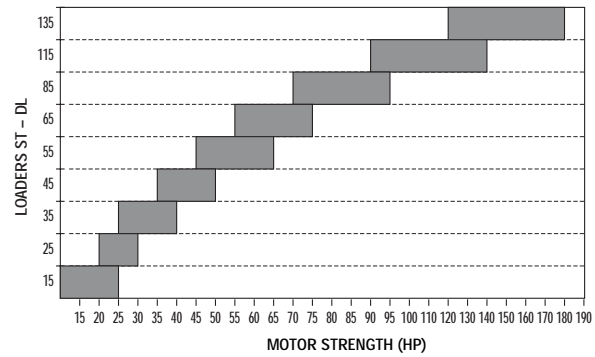
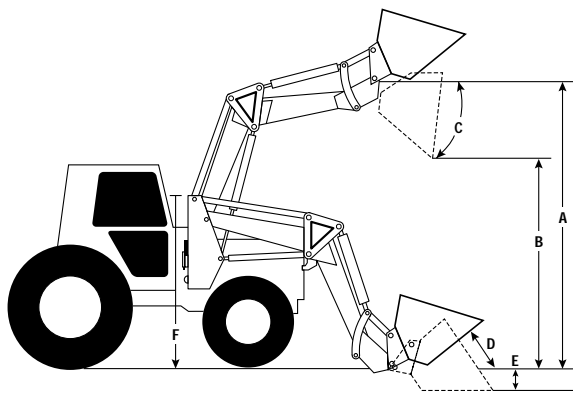
25 ST

35 DL

45 ST

55 DL





Refer to this grid when determining which loader best suits your tractor.

Description	65 ST		65 DL		85 ST		85 DL		115 ST		115 DL		135 ST		135 DL	
A Maximum lift height	10'-0"	3.05 m	10'-4"	3.15 m	10'-1"	3.07 m	10'-5"	3.17 m	12'-0"	3.65 m	12'-4"	3.75 m	13'-7"	4.14 m	13'-11"	4.24 m
B Clearance under bucket	7'-5"	2.26 m	7'-7"	2.35 m	7'-6"	2.28 m	7'-10"	2.38 m	9'-6"	2.69 m	9'-10"	2.99 m	11'-9"	3.58 m	11'-11"	3.63 m
C Dumping angle at maximum height	46°		50°		48°		50°		45°		50°		40°		50°	
D Maximum roll back at ground level	17°		40°		17°		45°		20°		45°		20°		45°	
E Digging depth	2 1/2"	6.3 cm	4 1/2"	11.4 cm	2 1/2"	6.3 cm	4 1/2"	11.4 cm	2 1/2"	6.3 cm	4 1/2"	11.4 cm	2 1/2"	6.3 cm	4 1/2"	11.4 cm
F Overall height in carrying position	61"	1.55 m	65"	1.65 m	69"	1.75 m	73"	1.85 m	74"	1.87 m	78"	1.98 m	78"	1.98 m	84"	2.13 m
1 Maximum lift capacity at full height	2600 lbs	1182 kg	2600 lbs	1182 kg	3000 lbs	1360 kg	3000 lbs	1360 kg	3200 lbs	1455 kg	3200 lbs	1455 kg	4200 lbs	1909 kg	4200 lbs	1909 kg
2 Breakaway force	4600 lbs	2090 kg	4400 lbs	2000 kg	5000 lbs	2273 kg	4800 lbs	2182 kg	5500 lbs	2500 kg	5300 lbs	2409 kg	7500 lbs	3409 kg	7300 lbs	3318 kg
3 Lift cylinder	3"	7.6 cm	3"	7.6 cm	3"	7.6 cm	3"	7.6 cm	3"	7.6 cm	3"	7.6 cm	3 1/2"	8.8 cm	3 1/2"	8.8 cm
4 Lift cylinder rod	1 1/2"	3.8 cm	1 1/2"	3.8 cm	1 1/2"	3.8 cm	1 1/2"	3.8 cm	1 3/4"	4.4 cm	1 3/4"	4.4 cm	1 3/4"	4.4 cm	1 3/4"	4.4 cm
5 Bucket cylinder	2 1/2"	6.3 cm	2 1/2"	6.3 cm	2 1/2"	6.3 cm	2 1/2"	6.3 cm	3"	7.6 cm	3"	7.6 cm	3"	7.6 cm	3"	7.6 cm
6 Bucket cylinder rod	1 1/2"	3.8 cm	1 1/2"	3.8 cm	1 1/2"	3.8 cm	1 1/2"	3.8 cm	1 3/4"	4.4 cm	1 3/4"	4.4 cm	1 3/4"	4.4 cm	1 3/4"	4.4 cm
7 Loader weight without bucket*	1090 lbs	495 kg	1360 lbs	618 kg	1190 lbs	541 kg	1460 lbs	664 kg	1390 lbs	632 kg	1660 lbs	754 kg	1690 lbs	768 kg	1960 lbs	890 kg
8 Bucket weight	500 lbs	227 kg	500 lbs	227 kg	500 lbs	227 kg	500 lbs	227 kg	500 lbs	227 kg	500 lbs	227 kg	550 lbs	250 kg	550 lbs	250 kg
9 Lift time at maximum height	4.9 seconds		4.9 seconds		4.9 seconds		4.9 seconds		6.2 seconds		6.2 seconds		7.2 seconds		7.2 seconds	
10 Lowering time	2.5 seconds		2.5 seconds		2.5 seconds		3.5 seconds		4.6 seconds		4.6 seconds		5.6 seconds		5.6 seconds	
11 Bucket dumping time	3.5 seconds		3.5 seconds		3.5 seconds		3.5 seconds		3.5 seconds		3.5 seconds		4.5 seconds		4.5 seconds	
12 Recommended hydraulic pressure	2400 PSI	16.57 MPa	2400 PSI	16.57 MPa	2400 PSI	16.57 MPa	2400 PSI	16.57 MPa	2400 PSI	16.57 MPa	2400 PSI	16.57 MPa	2400 PSI	16.57 MPa	2400 PSI	16.57 MPa
13 Flow of pump used	15 GPM	73.5 l/m	15 GPM	73.5 l/m	15 GPM	73.5 l/m	15 GPM	73.5 l/m	15 GPM	73.5 l/m	15 GPM	73.5 l/m	20 GPM	95 l/m	20 GPM	95 l/m

\*N.B.: Loader weight does not include mounting frame kit weight.

**65 ST**

**85 DL**

**115 ST**

**135 DL**



**Most loaders are available in both ST and DL versions.**





# Hardy Accessories



Material bucket (48")



Material bucket (54")



Material bucket (72")



Material bucket (72")  
(tines optional)



Manure bucket (60")



Snow bucket (84")



Round bale clamp



Round bale fork  
(Pallet forks optional)



Pallet fork  
(Round bale fork optional)



Snow blade (120")

Description	Recommended attachments to loader models	Width	Depth	Height	Weight	Capacity
Material bucket	15-51-00 15	48" 1,22 m	15" 0,38 m	14" 0,36 m	160 lbs 72 kg	0,15 v3 0,11 m3
Material bucket	25"A"-51-00 25	48" 1,22 m	19" 0,48 m	17" 0,43 m	190 lbs 86 kg	0,20 v3 0,15 m3
Material bucket	25"A"-52-00 35	54" 1,37 m	19" 0,48 m	17" 0,43 m	210 lbs 95 kg	0,22 v3 0,17 m3
Material bucket	25"A"-53-00 35	60" 1,52 m	19" 0,48 m	17" 0,43 m	230 lbs 104 kg	0,24 v3 0,18 m3
Snow bucket	25"A"-62-00 35	60" 1,52 m	24" 0,61 m	24" 0,61 m	280 lbs 127 kg	0,50 v3 0,38 m3
Pallet fork	25"A"-70-00 25-35	49" 1,24 m	42" 1,07 m	20" 0,51 m	150 lbs 68 kg	1500 lbs 680 kg
Material bucket	55"A"-53-00 45-55	60" 1,52 m	23" 0,56 m	25" 0,63 m	380 lbs 172 kg	0,65 v3 0,49 m3
Material bucket	55"A"-54-00 55 à 85	72" 1,83 m	28" 0,71 m	27" 0,69 m	500 lbs 227 kg	0,75 v3 0,57 m3
Material bucket	55"A"-55-00 115-135	84" 2,13 m	28" 0,71 m	27" 0,69 m	550 lbs 250 kg	0,90 v3 0,69 m3
Material bucket	55"A"-56-00 135	96" 2,44 m	28" 0,71 m	27" 0,69 m	620 lbs 281 kg	1,00 v3 0,76 m3
Manure bucket	55"A"-58-00 55 à 85	60" 1,52 m	36" 0,91 m	25" 0,63 m	390 lbs 177 kg	0,90 v3 0,69 m3
Manure bucket	55"A"-59-00 85 à 135	72" 1,83 m	36" 0,91 m	25" 0,63 m	470 lbs 213 kg	1,00 v3 0,76 m3
Snow bucket	55"A"-63-00 45-55	72" 1,83 m	30" 0,76 m	32" 0,81 m	710 lbs 322 kg	1,25 v3 0,95 m3
Snow bucket	55"A"-64-00 65 à 115	84" 2,13 m	30" 0,76 m	32" 0,81 m	760 lbs 345 kg	1,50 v3 1,15 m3
Snow bucket	55"A"-65-00 85 à 135	84" 2,13 m	36" 0,91 m	38" 0,97 m	880 lbs 400 kg	2,00 v3 1,53 m3
Snow bucket	55"A"-66-00 135	96" 2,44 m	36" 0,91 m	38" 0,97 m	1040 lbs 472 kg	2,50 v3 1,91 m3
Round bale clamp	55"A"-68-00 55 à 135	54" 1,37 m	54" 1,37 m	30" 0,76 m	390 lbs 177 kg	3 à 6' dia. 1,80 m
Round bale fork	55"A"-69-00 55 à 135	53" 1,35 m	39" 0,99 m	20" 0,51 m	140 lbs 63 kg	2500 lbs 1134 kg
Pallet fork	55"A"-71-00 45 à 85	53" 1,35 m	48" 1,22 m	24" 0,61 m	280 lbs 127 kg	3000 lbs 1361 kg
Pallet fork	55"A"-72-00 85 à 135	53" 1,35 m	48" 1,22 m	24" 0,61 m	380 lbs 172 kg	5000 lbs 2268 kg
Snow blade	55"A"-78-00 85 à 135	108" 2,74 m	— —	38" 0,97 m	870 lbs 395 kg	— — —
Snow blade	55"A"-79-00 85 à 135	120" 3,05 m	— —	38" 0,97 m	970 lbs 440 kg	— — —

**IMPORTANT: Always use accessories recommended for loader model used.**



## HARDY

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