

garford

providing advanced technology for progressive farming



victor

sugar beet harvesters

the first choice for high performance, high quality sugar beet harvesting

The Garford Victor offers the proven Garford 'Quality Harvesting Systems' in a package giving high output and economy. In combination with a tractor of 135HP the 6 row harvester will achieve work rates consistent with self propelled 6 row harvesters but with much lower running costs. In British Sugar's harvester demonstrations and quality harvesting assessments the Victor has consistently achieved lower harvesting losses than other makes.



Dramatically lower fuel consumption than a typical self propelled machine!

The front mounted defoliator is mounted on the front of the tractor via either the standard Garford cat.2 front linkage as supplied with the harvester or using existing tractor front linkages. The defoliator is driven hydraulically via an internal circuit from the harvester. The rotor design effectively cuts tops from the beet and effortlessly spread them over the previous 6 rows.

6 Row has full hydraulic drive for low maintenance!



Topping is completed by Garford's Unique Skew Bar topper system. The Skew Bar topper is renowned for its economical topping. In official trials it has been proven that a saving of as much as 5% yield can be achieved.

Other advantages include good operation in crops with weed infestations and low maintenance requirements.



Skew bar toppers can offer a 5% yield saving!

Maximum profits through...

- Minimum costs
- Minimum losses
- Minimum damage
- Minimum top tares
- Minimum dirt tares

Successful lifting depends on very accurate steering and depth control. In the Garford Victor this is electronically controlled through an array of sensor guides across the front of the lifter. These guides sense on the crowns of every row and so give near perfect tracking of the topper and lifting wheels.



Easily adaptable for all harvesting conditions!

The unique Garford 4 spoke lifting wheels with dial a spoke system allows quick adjustment to suit light/heavy soils or wet/dry conditions.

From the lifting wheels the beet pass over a set of centering rollers and then up onto the main 'spiroll' cleaning rollers. The 'spiroll' cleaning rollers are arranged in contrarotating pairs and positively extract clods, stones and trash without the need to damage the roots. The rollers spring apart to let stones pass through.



Unique spiroll cleaner for high quality harvesting!

The high capacity discharge elevator can be disengaged when setting into row ends or for trailer changing on the move. The discharge elevator folds down for easy road transport.



Garford Victor sugar beet harvesters - Technical Specification

Specifications...		3 row	4 row	6 row
Lifter	Length	6.8mtr	6.8mtr	7.3mtr.
	Transport width	2.5mtr	2.5mtr	3.2mtr.
	Working height	3.4mtr	3.4mtr	3.4mtr.
	Transport height	2.65mtr	2.65mtr	2.65mtr.
	Row width adjustment	41-65cm	41-50cm	45-50cm
	Weight	3750kg	4010kg	6300kg
	Tyres	12.5/80-18	12.5/80-18	700/40-22.5
	Discharge width	700mm	700mm	900mm
Topper	Length	1.5mtr	1.5mtr	1.5mtr.
	Width	1.6mtr	2.1mtr	3.1 mtr.
	Weight	350kg	490kg	756kg
Performance	ha/hr. spot performance	1.30ha/hr	1.30ha/hr	1.95ha/hr
	tonne/hr. spot performance	80	80	120

Tractor requirement...

Power	80HP +	95HP+	135HP+
Type	4 wheel drive		
Power Take Off, rear only required	540/1000rpm via 6, 8 or 21 spline shaft.		
Wheel Equipment recommended	250mm/300mm wide for 45cm/50cm rows		
Drawbar coupling	Standard low level pick up hitch or clevis drawbar		
Hydraulic supply requirement	Minimum of 20ltr/min at 150bar.		
Electrical supply requirement	12 volts		

Front linkage -

The front topper is supported on the front of the tractor via a category 2 front linkage. The standard harvester package comes complete with a Garford category 2 front linkage linkage of 1.5 tonne lift capacity. Please advise tractor make, model and year of manufacture in order to ensure supply of correct fitting brackets.

If the tractor already has a factory fitted category 2 front linkage then the harvester can be supplied without front linkage. Front PTO is not required

Performance will depend upon soil type, soil moisture, soil contour, crop density, root size, root yield, weed infestation levels etc. Figures are for guidance only.

The 6 row topper comes complete with 2 height control wheels. A single height control wheel is available as an optional extra on 3 & 4 row models.



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