

THE NEW

*A series of
rugged, time-saving
implements*

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**ZED BAR
CULTIVATORS**



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A NEW SERIES OF IMPLEMENTS FOR LOW-

These mounted cultivators are built with extra strength and durability to cut costs on many routine jobs. Tools are easily spaced for stubble and open field work or grouped for row crops. Once adjusted to your requirements they stay in place.

UNIQUE



C-79

SERIES

SPRING TINE CULTIVATORS

8' 10" wide with 9 or 11 tines; 10' 6" wide with 11 or 13 tines.

RIGID TINE CULTIVATORS

8' 10" wide with 9 or 11 tines; 10' 6" wide with 11 or 13 tines.

MULTIPLE ROW RIDGERS

8' 10" and 10' 6" bars for three or more bodies.

Manufactured by

Ransomes

SECTION FRAME BARS give 4 practical advantages

1

MORE STRENGTH. ZED section bars have a strength-to-weight ratio superior to the angle, square or channel section bars commonly used for toolbar construction. Extra strength and stiffness keep tools aligned and in correct pitch for good penetration.

2

MORE WORK OUTPUT. Weight saved by ZED section bars is put to practical use by increasing the working width and number of tines. You get more work done with no increase in power or man-hour costs.

3

SIMPLER DESIGN. ZED section construction eliminates tool attachment clamps and sockets with their unwanted weight and additional cost and maintenance.

4

POSITIVE TOOL ADJUSTMENT. The tool carriers are bolted direct to the ZED bars. Quick, positive setting and correct alignment is assured without tedious measurements and adjustments.

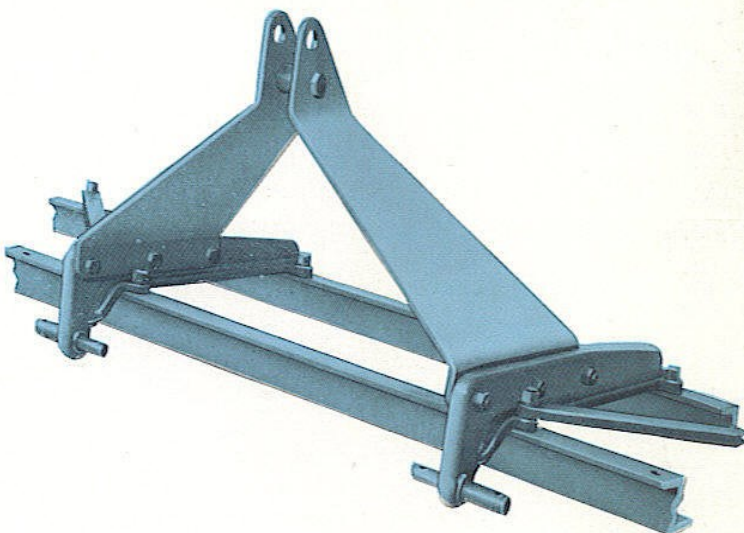
NEW DESIGN HEADSTOCK

The new "widespan" headstock is matched to the strength of the ZED bars and will absorb the heaviest shocks and stresses of tough field work and fast transport. It is made of $\frac{5}{16}$ " high carbon steel plates bolted to two massive T section cross braces carrying the dual category pins. Two diagonal bars provide additional frame stiffness.

HIGH CLEARANCE

The heavy duty tools are supported between twin frame braces bolted direct to the frame bars. Staggered formation and an extra high clearance of 20" under the frame eliminate choking in trashy lands.

The tines take a variety of single bolt-on points and are readily spaced along the bars in 1" steps.

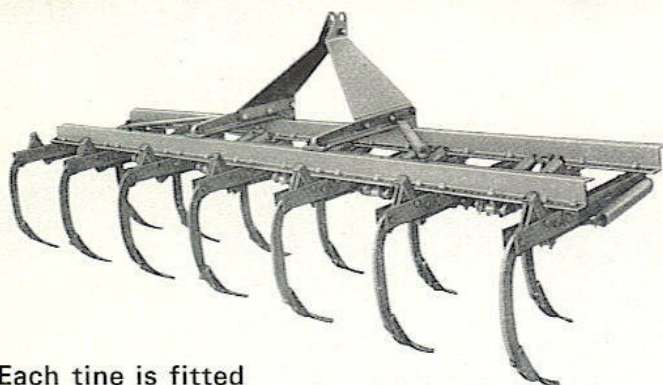


FITS MOST TRACTORS

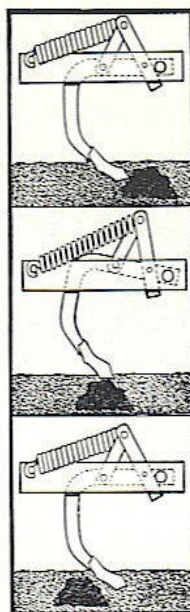
Although designed primarily for the Ford tractors (both new and previous models) the C 79 series are also suitable for other makes of tractors in the same power class.

The 8' 10" cultivators are recommended for the Ford Dexta and Super Dexta and the 10' 6" cultivators for the Ford Major and Super Major.

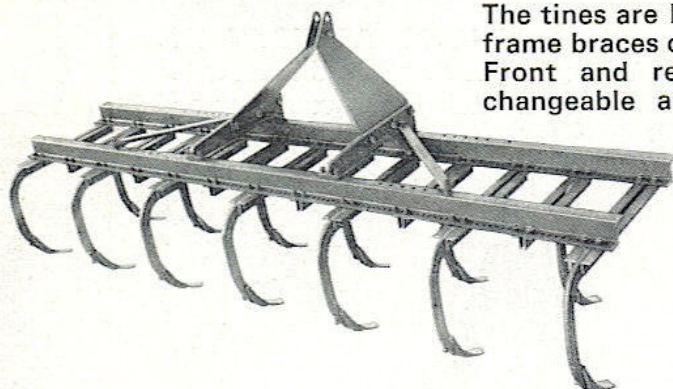
SPRING TINE CULTIVATOR



Each tine is fitted with two powerful coil springs. The tines remain absolutely rigid except when an obstacle is encountered. The springs operate when a point strikes roots or large stones by allowing the individual tine to ride up and over the obstruction. Once over the obstruction, the tine is automatically reset and work continues without interruption. This is an ideal cultivator for strenuous work at today's faster speeds.

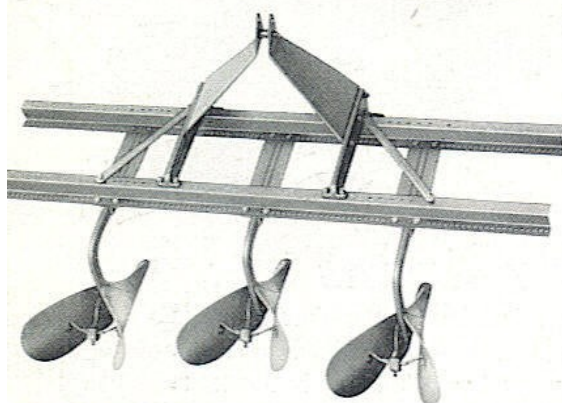


RIGID TINE CULTIVATOR



The tines are bolted between twin frame braces of $1\frac{1}{2}'' \times \frac{3}{8}''$ angle steel. Front and rear tines are interchangeable and with the frame bars drilled at 1" intervals they are quickly spaced for general cultivation or grouped for rowcrop work.

MULTIPLE ROW RIDGER



The ridging bodies can be spaced from 24" upwards in 2" steps. They are adjustable for width of throw and can be used effectively for opening-up and moulding-up. The bodies may be set in line or in alternate fore and aft positions. A fin attachment is available.

Spring release attachments can be supplied to protect the bodies in rocky ground.

C79 ZED BAR CULTIVATORS

for strength and penetration

SPECIFICATION

Main bars of rolled ZED section steel $4\frac{1}{8}'' \times 3\frac{3}{8}'' \times \frac{3}{8}''$
"Widespan" headstock of $\frac{5}{16}''$ steel plate with dual category pins.

Width of bars 8' 10" and 10' 6"

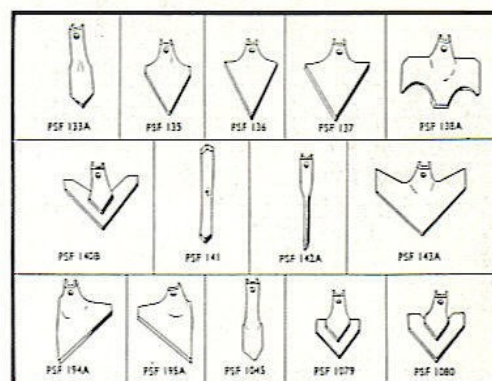
Depth of cultivation up to 9" deep (depending on conditions).

Clearance under bars, 20"

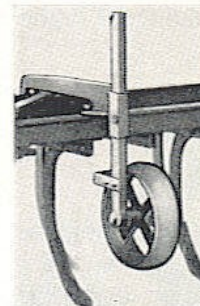
Fore and aft clearance between points, 18"

Approximate weight 590 lbs. (13 tines)

POINTS



PSF 133A Point 3"	PSF 141 Reversible $1\frac{1}{2}''$
PSF 135 Point $6\frac{1}{2}''$	PSF 142A Turf blade
PSF 136 Point $7\frac{1}{2}''$	PSF 143A Hoe point 13"
PSF 137 Point 9"	PSF 194A R.H. point 7"
PSF 138A Thistle $11\frac{1}{2}''$	PSF 195A L.H. point 7"
PSF 140B Point $10\frac{1}{2}''$	PSF 1045 Point $2\frac{1}{4}''$
	PSF 1079 Point 6"
	PSF 1080 Point $7\frac{1}{2}''$



DEPTH ATTACHMENT

Depth of work is controlled by the tractor's hydraulic system. Cast iron wheels, adjustable for depth and lateral position, are an optional extra for the cultivators.

Issued by

Ford Motor Company, Ltd., Tractor Operations, Basildon, Essex.
Ransomes Sims & Jefferies, Ltd., Ipswich, England.