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MANUAL PREVIEW

Versatile

Operator's Manual

835, 855,

875 & 895

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Operator's Manual

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VE-O-835+

Make: Versatile	Model: 835	Years Made: 1978-1984
HP-PTO: 198	HP-Engine: 230	HP-Drawbar:
HP-Range: 198	Engine-Make: CUMMINS	Engine-Fuel: DIESEL/TURBO
Engine-Cyl(s)-CID: 6/855	Transmission-STD: CM	Optional:
Fwd/Rev Standard: 12/4	Fwd/Rev Optional:	Mfwd-Std/Opt: STD
Tires-Std Front: 20.8-38	Tires-Std Rear: 20.8-38	Wheelbase-Inch: 130
Pto Type: OPT	Pto Speed: 1000	CAT I-3pt Hitch: False
CAT II-3pt Hitch: False	CAT III-3pt Hitch: True	Hitch Lift:
Hydraulics-Type: OPEN	Hyd-Cap: 84	Hyd-Flow: 23.6
Hyd Std Outlets: 4	Cooling Capacity: 46	Fuel Tank Capacity: 185
Cab-Std/A/C; Rops: STD	Weight: 19826	New Price: 93893

Make: Versatile	Model: 935	Years Made: 1978-1982
HP-PTO:	HP-Engine: 350	HP-Drawbar:
HP-Range: 330	Engine-Make: CUMMINS	Engine-Fuel: DIESEL/TURBO
Engine-Cyl(s)-CID: V-8/903	Transmission-STD: CM	Optional:
Fwd/Rev Standard: 12/4	Fwd/Rev Optional:	Mfwd-Std/Opt: STD
Tires-Std Front: 20.8-38	Tires-Std Rear: 20.8-38	Wheelbase-Inch: 130
Pto Type: NA	Pto Speed:	CAT I-3pt Hitch: False
CAT II-3pt Hitch: False	CAT III-3pt Hitch: True	Hitch Lift:
Hydraulics-Type: OPEN	Hyd-Cap: 84	Hyd-Flow: 23.6
Hyd Std Outlets: 4	Cooling Capacity: 46	Fuel Tank Capacity: 185
Cab-Std/A/C; Rops: STD	Weight: 19771	New Price: 112070

Make: Versatile	Model: 955	Years Made: 1983-1984
HP-PTO:	HP-Engine: 350	HP-Drawbar:
HP-Range: 350	Engine-Make: CUMMINS	Engine-Fuel: DIESEL/TURBO
Engine-Cyl(s)-CID: 6/855	Transmission-STD: PS	Optional:
Fwd/Rev Standard: 12/2	Fwd/Rev Optional:	Mfwd-Std/Opt: STD
Tires-Std Front: 24.5-32	Tires-Std Rear: 24.5-32	Wheelbase-Inch: 130
Pto Type: NA	Pto Speed:	CAT I-3pt Hitch: False
CAT II-3pt Hitch: False	CAT III-3pt Hitch: True	Hitch Lift:
Hydraulics-Type: OPEN	Hyd-Cap: 84	Hyd-Flow: 23.6
Hyd Std Outlets: 4	Cooling Capacity: 61	Fuel Tank Capacity: 185
Cab-Std/A/C; Rops: STD	Weight: 24500	New Price: 160778

Year	Beginning Serial Number
1978	71700
1979	71901
1980	72101
1981	72451
1982	72701

Paint Codes	
Location	MFG Color Name
TRIM	YELLOW
BODY	POWER WHITE/VERSATILE RED

Make: Versatile	Model: 855	Years Made: 1978-1983
HP-PTO: 212	HP-Engine: 250	HP-Drawbar:
HP-Range: 212	Engine-Make: CUMMINS	Engine-Fuel: DIESEL/TURBO
Engine-Cyl(s)-CID: 6/855	Transmission-STD: CM	Optional:
Fwd/Rev Standard: 12/	Fwd/Rev Optional:	Mfwd-Std/Opt: STD
Tires-Std Front: 20.8-38	Tires-Std Rear: 20.8-38	Wheelbase-Inch: 130
Pto Type: IND	Pto Speed: 1000	CAT I-3pt Hitch: False
CAT II-3pt Hitch: False	CAT III-3pt Hitch: True	Hitch Lift:
Hydraulics-Type: OPEN	Hyd-Cap: 84	Hyd-Flow: 23.6
Hyd Std Outlets: 4	Cooling Capacity: 46	Fuel Tank Capacity: 185
Cab-Std/A/C; Rops: STD	Weight: 20106	New Price: 63349

Make: Versatile	Model: 945	Years Made: 1983-1984
HP-PTO:	HP-Engine: 335	HP-Drawbar:
HP-Range: 335	Engine-Make: CUMMINS	Engine-Fuel: DIESEL/TURBO
Engine-Cyl(s)-CID: 6/855	Transmission-STD: CM	Optional:
Fwd/Rev Standard: 12/4	Fwd/Rev Optional:	Mfwd-Std/Opt: STD
Tires-Std Front: 24.5-32	Tires-Std Rear: 24.5-32	Wheelbase-Inch: 130
Pto Type: NA	Pto Speed:	CAT I-3pt Hitch: False
CAT II-3pt Hitch: False	CAT III-3pt Hitch: True	Hitch Lift:
Hydraulics-Type: OPEN	Hyd-Cap: 84	Hyd-Flow: 23.6
Hyd Std Outlets: 4	Cooling Capacity: 61	Fuel Tank Capacity: 185
Cab-Std/A/C; Rops: STD	Weight: 24254	New Price: 139822

Make: Versatile	Model: 975	Years Made: 1983-1984
HP-PTO:	HP-Engine: 360	HP-Drawbar:
HP-Range: 360	Engine-Make: CUMMINS	Engine-Fuel: DIESEL/TURBO
Engine-Cyl(s)-CID: 6/855	Transmission-STD: CM	Optional:
Fwd/Rev Standard: 12/4	Fwd/Rev Optional:	Mfwd-Std/Opt: STD
Tires-Std Front: 24.5-32	Tires-Std Rear: 24.5-32	Wheelbase-Inch: 130
Pto Type: NA	Pto Speed:	CAT I-3pt Hitch: False
CAT II-3pt Hitch: False	CAT III-3pt Hitch: True	Hitch Lift:
Hydraulics-Type: OPEN	Hyd-Cap: 84	Hyd-Flow: 23.6
Hyd Std Outlets: 4	Cooling Capacity: 61	Fuel Tank Capacity: 185
Cab-Std/A/C; Rops: STD	Weight: 24100	New Price: 148225

Year	Beginning Serial Number
1983	111451
1984	111725

Year	Beginning Serial Number
1983	191025
1984	191145

Make: Versatile	Model: 875	Years Made: 1978-1984
HP-PTO:	HP-Engine: 280	HP-Drawbar: 252
HP-Range: 280	Engine-Make: CUMMINS	Engine-Fuel: DIESEL/TURBO
Engine-Cyl(s)-CID: 6/855	Transmission-STD: CM	Optional:
Fwd/Rev Standard: 12/4	Fwd/Rev Optional:	Mfwd-Std/Opt: STD
Tires-Std Front: 20.8-38	Tires-Std Rear: 20.8-38	Wheelbase-Inch: 130
Pto Type: OPT	Pto Speed: 1000	CAT I-3pt Hitch: False
CAT II-3pt Hitch: False	CAT III-3pt Hitch: True	Hitch Lift:
Hydraulics-Type: OPEN	Hyd-Cap: 84	Hyd-Flow: 23.6
Hyd Std Outlets: 4	Cooling Capacity: 47	Fuel Tank Capacity: 185
Cab-Std/A/C; Rops: STD	Weight: 20106	New Price: 109386

Make: Versatile	Model: 950	Years Made: 1977-1982
HP-PTO:	HP-Engine: 350	HP-Drawbar: 300
HP-Range: 350	Engine-Make: CUMMINS	Engine-Fuel: DIESEL/TURBO
Engine-Cyl(s)-CID: V-8/903	Transmission-STD: CM	Optional:
Fwd/Rev Standard: 12/4	Fwd/Rev Optional:	Mfwd-Std/Opt: STD
Tires-Std Front: 18.4-38	Tires-Std Rear: 18.4-38	Wheelbase-Inch: 130
Pto Type: NA	Pto Speed:	CAT I-3pt Hitch: False
CAT II-3pt Hitch: False	CAT III-3pt Hitch: True	Hitch Lift: 12370
Hydraulics-Type: OPEN	Hyd-Cap: 74.5	Hyd-Flow: 26.9
Hyd Std Outlets: 3	Cooling Capacity: 53	Fuel Tank Capacity: 154
Cab-Std/A/C; Rops: STD	Weight: 24500	New Price: 112984

Year	Beginning Serial Number
1978	52501
1979	53201
1980	54301
1981	55501
1982	56601
1983	57801
1984	59025

Year	Beginning Serial Number
1977	110301
1978	110575
1979	110801
1980	110851
1981	111051
1982	111201

Year	Beginning Serial Number
1983	184501
1984	194625

Year	Beginning Serial Number
1978	33000
1979	33601
1980	34201
1981	35001
1982	35601
1983	1
1984	37575

Year	Beginning Serial Number
1978	150501
1979	150751
1980	151151
1981	151401
1982	151601
1983	151801

Year	Beginning Serial Number
1980	90001
1981	90351
1982	91201
1983	92101
1984	93275

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835/855/875/895
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Introduction

We at Versatile Farm Equipment Company are pleased you have chosen a VERSATILE® 835, 855, 875 or 895 Four-Wheel Drive Tractor for your farming operation. It has evolved through the ideas and suggestions submitted to us by customers such as yourself.

We ask that you study this manual and adopt the preventive maintenance program outlined in it. The suggested schedule has been designed to meet most operating conditions although it may be necessary to adjust your maintenance program to suit your specific operating conditions.

You have received a Cummin's Operation and Maintenance Manual. We ask that for maintenance on the engine not covered by our tractor manual, you follow the instructions outlined in the Cummin's manual. Before placing the tractor in service, become familiar with all the procedures described in both manuals.

Your Versatile dealer is factory trained to provide you with genuine parts and professional repair service. Consult him for all your service needs.



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Compressor Drive Belt Adjustment

Belt Removal and Installation

Before removing any belt, loosen tighteners. Never pry the belt over the pulley as this breaks, mutilates and weakens the belt cords. Replace belts in sets.

When installing belts, loosen tightener to make sure belt is not damaged during installation. Check the condition of the flanges or pulleys. Replace pulleys having narrow or mutilated flanges.

FAN BELT

1. Loosen bolts securing fan hub shaft.
2. Loosen adjusting screw until fan hub is low enough to permit belt installation.
3. Tighten bolts securing fan hub shaft until fan hub is straight. Torque to 102 N·m (75 lbf ft).
4. Recheck belt tension.
5. Back out adjusting screw one-half turn to prevent breakage.

IMPORTANT

Do not adjust to full tension with the adjusting screw; this would result in overtightening.

BRAKES

Both the road brake and parkbrake operate on a disc on the transmission output shaft. The road brake is self-adjusting and requires only routine maintenance. The master cylinder reservoir is located inside the instrument console.

Brake Fluid

SAE J 1703 Super Duty fluid is recommended for all temperature usage.

Road Brake

1. Check fluid level in master cylinder reservoir. Add new fluid to within (3 mm) 1/8 in. of top.
2. Ensure all other parts are mounted securely.
3. Repair any hydraulic leaks.
4. Check disc surface condition. Replace badly warped or pitted discs. The maximum warpage allowed is .010 to indicator reading.
5. Check and replace friction pads if worn to less than 1/32 in. thickness.
6. Ensure brakes do not have too much travel or feel spongy. Turn pistons back, replace pads, bleed or add fluid if needed.

Parkbrake

The caliper is connected by cable to the parkbrake lever. To adjust, turn the handle of the parkbrake lever clockwise when the brake is OFF.



Master Brake Cylinder

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