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MANUAL PREVIEW

Gehl

Operator's Manual

2130 & 2160

Mower Conditioner

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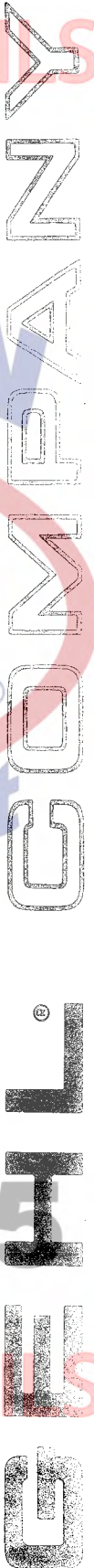
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GE-O-2130MC+

Operator's Manual



2130/2160

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MOWER CONDITIONER



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OPERATOR'S MANUAL

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SPECIFICATIONS

Model	2130.....	2160
Weight	3140	3500 lbs.
Width (Overall).....	115-1/2".....	139-1/2"
Tread Width	75-1/2".....	99-1/2"
Tires	9.5L x 14	
Pressure	22 psi	
Header Lift.....	Up to 15"	
Header Flotation.....	Radial and vertical with adjustable coil springs	

SICKLE		
Speed (at 540 rpm)	800 cpm (1600 spm.)	
Stroke	3"	
Cutting Height	1-1/4 to 5"	
Guard Angle	4° and 8°	
Guard Spacing	3"	
Width of Cut	87"	111"
Sickle Drive	2 belts & half swaybar	

DRIVE SYSTEM		
PTO Drive Speed.....	540 rpm	

HAY CONDITIONER	Upper Roll	Lower Roll
Length	*86" **110"	*86" **110"
Diameter.....	9" steel	8" rubber
Speed	739 rpm	780 rpm
Drive	No. 60 Roller Chain	

REEL	All metal 4-bat with cam track actuated tines (optional 5th and 6th reel bats)	
Drive	No. 40 chain with slip clutch protection	
Length	*83-1/2"	**107-1/2"
Diameter	42"	

LIFT CYLINDER (Purchased Locally)...	Single or double acting
Stroke	8"
Closed Length.....	20.25"

TRACTOR REQUIREMENTS	
Horsepower	30 hp plus
PTO rpm	540
Hydraulics.....	Single remote

*2130
**2160

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(Specifications and design are subject to change without notice and without liability therefore.)

DESCRIPTION

HEADER

The lean bar at the front of the header must be positioned low enough to set up the crop for a butt-first travel through the machine. An adjustable guard angle allows for a 4° angle, or an 8° steep guard angle. Adjustable skid shoes help match the header to crop conditions. Flotation springs make positioning the header easier and gives the header floating control of the cutting area. During operation, the header is normally lowered to rest on the skid shoes, which, along with the flotation springs, carry the weight of the header. With the header lift arms completely lowered, the header is free to follow the contours of the terrain. The header stabilizer arm at the rear center of the header stabilizes the header in all positions. After the crop has been conveyed through the header, it is shaped and fluffed into windrows by the forming shields. When it is not desired to place the crop in a windrow, a swathing shield just behind the hay conditioner rollers may be lowered to spread the conditioned crop into a wide swath.

SICKLE DRIVE

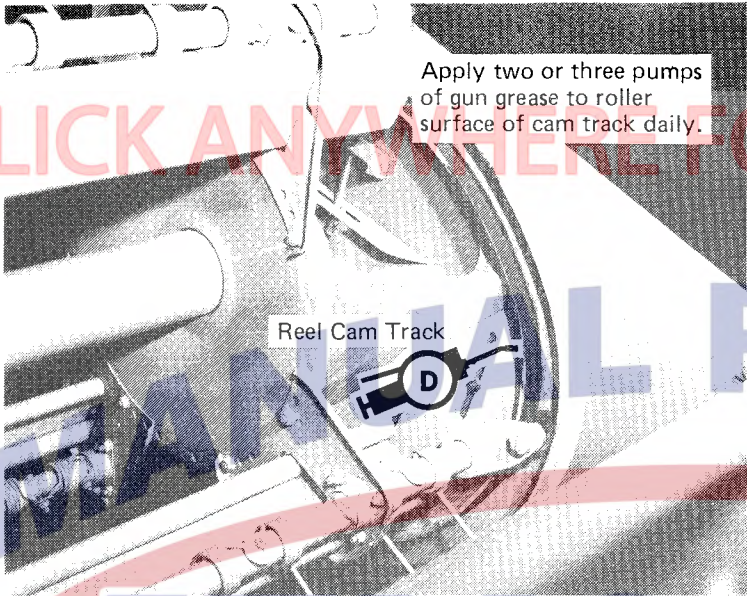
The sickle is driven by a swaybar that pivots at the top end and driven by a crank near the bottom. The sickle attaches to the lower end of the swaybar with a balljoint. This arrangement permits a simple overhead drive of the sickle eliminating nearly all problems of alignment. The crank to drive the swaybar is machined on the forward side of a sheave that is mounted on a drive shaft running in two adjustable tapered bearings. The drive shaft is driven by two matched belts from a sheave mounted on the input shaft of the gearbox. Adjustments are minimal and should not be necessary until replacing a sickle or worn bearings or bushings.

SICKLE AND CUTTERBAR

Guards have a hardened ledger area and heel that insures true alignment of the sickle section with the ledger surface. The sections and ledgers are self-sharpening. Tie guards are used since their bending or breakage is reduced by the addition of tie plates. The machine is delivered with heavy duty top-serrated sickle sections. For additional information concerning the sickle, refer to Sickle Care and Replacement under Maintenance.



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Apply two or three pumps of gun grease to roller surface of cam track daily.



Remove cover of chain oiler reservoir and fill with 10W oil or automatic transmission fluid as required.

CHAIN OILER SERVICING

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purchase full manual at

JENSALES.COM

or Call 800-443-0625

LUBRICATION

