

Dbl Acting Hydraulic  
Wheel Weights

\$39373.00  
222.00

# HOLDER



**Four-wheel drive  
Skidder  
CULTITRAC A60**

**HOLDER**

The new HOLDER four-wheel drive skidder Cultitrac A 60 is the ideal machine for thinning in forestry. Featuring the basic conception of the reliable Holder four-wheel drive skidder, such as optimum weight distribution, and four equally sized wheels, the HOLDER A 60 has a convincing cross-country mobility, extreme climbing ability, hill safety, and manoeuvrability. The fully synchronized transmission, and the strong, robust engine guarantee a high extraction capacity in the forest and consequently a fast amortization of the machine.

With its elastically suspended driver platform, heatable cab, and comfort seat, the A 60 offers its operator excellent working conditions.

We shall be glad to arrange for demonstrations of the A 60, without any obligation for you. Please contact us, or your nearest HOLDER dealer.



**HOLDER**

# HOLDER A60 Four-wheel Drive Skidder the superior machine of its class for thinning in forestry

The new, water-cooled 3-cylinder four-stroke diesel engine – with a capacity of 36,5 kW – 50 PS – 56 HP (SAE), the A 60 is now equipped with, proves its characteristics particularly under extreme operation conditions:

high traction power on hillsides, good cold starting ability, and safe operation in all seasons, in any kind of weather. The fully synchro-meshed, well ranged transmission has 12 forward gears with speeds between 1 and 25 km/h, and 4 reverse speeds.

The rollover bar can be gradually extended to a fully enclosed cab, with two doors, and heating. The equipment comprises functional safety, clear arrangement, easy operation, and up-to-date comfort.

The hydraulically controlled doubledrum cable winch can also be operated by means of a pushbutton cable control, or remote radio control. The butt plate (or rear stacking platform) is double-acting, i.e. can be lifted and lowered. With P.T.O. drive, and trailer hitch.

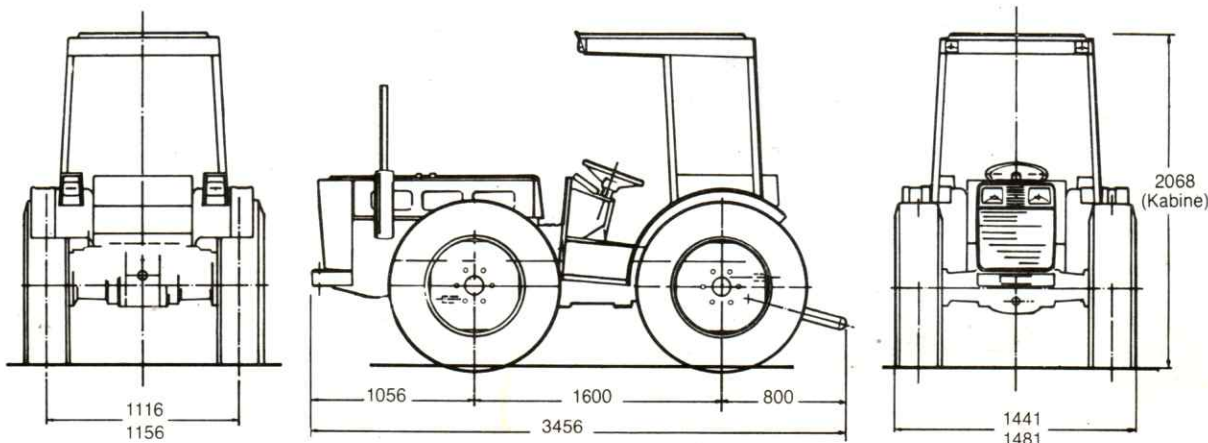


Upon request live P.T.O. (shifting under load) front and rear. The front P.T.O. offers more possibilities for front-mounted implements.

The A 60 makes full use of the advantages of four-wheel drive over equally sized wheels, and the hydraulically controlled, articulated steering. The full engine power can be used for maximum traction. The steering, acting on all four wheels, and the comparatively large ground clearance, give the A 60 an unsurpassed manoeuvrability on narrowest space.

The hydraulic diff-lock, acting on all four wheels is hand lever controlled.

Dimensions  
with tyres  
12.5/80-20





## **The new Holder Skidder A60 modern technology for hard forestry work**

Even experienced foresters are over and over again impressed of the A60's cross-country mobility, and manoeuvrability. Particularly in narrow stands, the advantages of this genuine articulated four-wheel drive skidder with four wheels of the same size, can be made full use of. The articulated steering gives this forestry machine a surprising stability, hence safety from overturning. Neither difficult terrain, nor steep country, offer any problems for the A60. An experienced forester's comment: "The manoeuvrable

Holder A60 skidder is simply unsurpassed for thinning", and that of the operator of an A60 with remote radio control "an absolute top hit"!

A non-obligatory test drive will convince you how right these practitioners are. We shall be glad to inform you of your nearest Holder dealer's address.



# HOLDER

## Articulated Steering

Thanks to articulated steering an extremely small turning circle. Handling of the hydrostatically controlled steering is untiring even when the machine has to be steered over heavy and deep soils.

## P.T.O.

Transmission P.T.O., or live P.T.O., front and rear. The front P.T.O. permits the use of all front-mounted implements.

## Hydraulic System

High-efficiency hydraulics for steering, front and rear-mounted implements, safety-controlled. Separate oil supply with compensation tank and pressure oil filter. Oil remaining free from bubbles when driving uphill or downhill on inclinations to 60%.

## Clutch

Self-adjusting, hydraulic clutch for effortless operation.

### TECHNICAL DATA OF THE A60 CULTITRAC

<b>Design:</b>	Frameless unit construction, four-wheel drive, articulated steering		
<b>Engine:</b>	Holder 3-cylinder, four stroke diesel engine, 2356 cc, 36,5 kW, 50 PS, 56 HP at 2500 rpm (min. <sup>-1</sup> ), Bosch fuel injection system and regulator, direct injection, almost vibration-free, excellent acceleration, ideal torque characteristic, crankshaft on 4 bearings		
<b>Clutch:</b>	Drive clutch: single plate dry clutch Engine clutch: multi-plate clutch		
<b>Transmission:</b>	Synchro-mesh transmission with 12 forward gears (1,0–25 km/h), and 4 reverse gears (2,6–9,3 km/h), upon request with creep gear 0,5 km/h, front and rear diff-lock		
<b>Steering:</b>	Hydrostatic, articulated steering		
<b>Brakes:</b>	Driving brake and locking brake acting on all four wheels		
<b>Tyres:</b>	4 equally sized wheels, optional sizes: 9,5–24 AS; 11,2–24 AS; 12,5/80–20 Impl.		
<b>P.T.O.:</b>	A 60 type 5200-1: with rear transmission P.T.O., 540 rpm (min. <sup>-1</sup> ) at 2200 rpm engine speed A 60 type 5200-2: with independent P.T.O., rear 540 rpm (min. <sup>-1</sup> ) at 2200 rpm (min. <sup>-1</sup> ) engine speed, and front 1000 rpm (min. <sup>-1</sup> ) at 2360 rpm (min. <sup>-1</sup> ) engine speed		
<b>Fuel tank:</b>	Capacity 40 litres with supply indicator and large micronic fuel filter in tank		
<b>Air filter:</b>	Dry air filter accoustical warning system when clogged		
<b>Engine cooling:</b>	Water cooling with pump and thermostat		
<b>Driver seat:</b>	"Bostrom" seat, adjustable for weight, vertically, and horizontally		
<b>Trailer hitch:</b>	Non-automatic trailer hitch, adjustable for height, can be operated with one hand – supporting load 9000 N		
<b>Hydraulics:</b>	Holder two-cylinder, rear hydraulic system. Lifting capacity 21000 N on the field bar. Front hydraulics supplied upon special request.		
<b>Implement lift:</b>	Cat. I and Cat. II three-point linkage optionally available		
<b>Electrical equipment:</b>	3-phase generator, 12 V, 33 Amp.		
<b>Tractometer:</b>	Registering the speeds of the various gears, with speedometer for engine and P.T.O. hour meter		
<b>Permissible total weight:</b>	3600 kg		
<b>Permissible load on axles:</b>	2000 kg each front and rear		
<b>Empty weight incl. driver and roll-over bar:</b>	9,5–24 AS 3320 kg	11,2–24 AS 3365 kg	12,5/80–20 3390 kg
<b>Wheel base:</b>	1600 mm		
<b>Adjustable track widths:</b>	1010 and 1258 mm	1010 and 1258 mm	1116 and 1156 mm
<b>Overall widths:</b>	1251 and 1499 mm	1294 and 1542 mm	1441 and 1411 mm
<b>Overall length incl. 3-point linkage:</b>	3456 mm		
<b>Overall height incl. rollover bar:</b>	2095 mm	2115 mm	2068 mm



## Cab

A generously spaced driver platform protects the operator from dirt, noise and vibrations; four-post rollover bar with extension possibilities to a heatable cab (O.E.C.D. tested and approved). Elastic suspension, ample space for the operator, and excellent view in all directions.

## Instruments

Fuel supply indicator, tractormeter, registering operation hours, speeds in the various gear ranges, and engine speed. Remote thermometer, warning light switch, control lamps for traffic lights, headlight, charging indicator lamp, readiness for starting control, engine oil, handbrake control. Manual speed regulator lever for regulation of P.T.O. or engine speed at a constant driving speed (hand throttle). Large foot pedal for speed adjustment when driving on the road (foot gas).



## Comfort Seat

Strong, comfortable driver seat, consisting of a weather-proof, well-upholstered seat and high backrest, patented rubber springing with double-acting buffers and special regulation device for the absorption of harmful shocks and vibrations, infinitely adjustable for driver's weight.



## Forestry cable winches

Various systems of cable winches are optionally available for the A 60, e. g. single and double drum winches, depending on prevailing operation conditions. Firmly mounted on the machine.

### Double-drum Forestry Cable Winch Make Schlang & Reichart

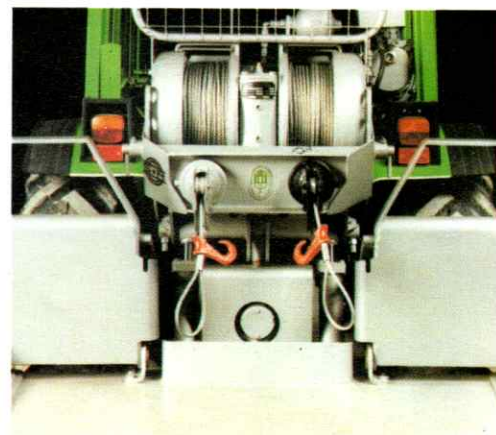
Hydraulically controlled via remote cable or radio control. Rope pulley on ball bearings, adjustable for height. With hydraulic safety coupling, double acting for lifting and lowering; P.T.O. drive, and trailer hitch.

Medium rope capacity 25000 N (2,5 t).

### Double-drum Forestry Winch Make Igland

Well-ried multi-purpose cable winch. Single lever control with automatic safety brake, effective in normal position. After removing the butt plate (or rear stacking blade), the three-point linkage will take up all commercial three-point implements.

Medium rope capacity 25000 N (2,5 t).





## Remote cable control

Considerably cost reducing thanks to shorter ways with the cables. After the trunks have been attached, the winch is controlled by radio without the necessity of changing position. Immediate action is possible if obstacles have to be overcome. Reduced danger of accidents thanks to safe remote control.





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## Forestry package

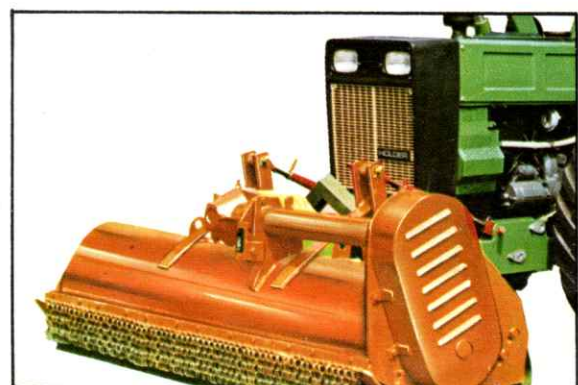
Strong under-protection front and rear. Front and side guards. Windscreen protection grid, (opening by hinges). Headlight and rear reflector guards. Rearwards collapsible and swivelling exhaust. Easily removable tool box.

## Front-mounted Rolling/Stacking Unit

Basic unit comprising frame, arms, double-acting lift and tilt cylinders. Hydraulically lifted and lowered. Rolling/stacking blade 100 cm wide, 70 cm high. The rolling/stacking equipment is independent of type and design of the used cable winch.

## Front mulching unit

Front-mounted implement, complete with cardan shaft and equalization device for irregularities of the soil. Working width 165 cm.





### **Winter service Snow clearing blade**

200 cm wide, spring-loaded skirting rail with shock absorption. Smallest working width at max. diagonal angle 170 cm.

### **Snow centrifuge**

130 cm wide, can be infinitely swivelled side-ways to the right. Adjustable for height. Discharging tube for loading the snow onto trucks, or for discharging the snow laterally whilst driving. Can be hydraulically swivelled through 360°.

## **Transport**

The special forestry hitch permits effortless attachment of special-type forestry trailers and forwarders.

## **Brushwood rake**

120 cm wide, 70 cm high, 3 teeth, each 120 cm long.



## **Loader bucket**

120 cm wide, capacity approx. 264 ltrs.; or optionally 160 cm wide, capacity 338 ltrs.

## **Tree nurseries**

For all jobs which require a particularly slow driving speed, the A 60 can be equipped with a super creep gear for speeds between 200 and 500 m/h.





### 4,5 kW (6 HP) Single-wheel driven Motor Hoe R7

For normal or heavy soils, effortless guidance. Hoeing tines between 10 and 60 cm working width.

### 5,0 kW (7 HP) Multi-purpose Power Unit H7

For ploughing, hoeing, cultivating, ridging, mulching, tending lawns, sweeping, snow clearing, and for use with a trailer of 300 kg capacity.

## HOLDER

### Motor units for forestry

The Holder production range comprises a number of solid and economical all- and multi-purpose motor units and two-wheel tractors. Just four of these described below:

### 6,6 kW (9 HP) Two-wheel Tractors E9 and E9D

Optionally available with Lombardini 4-stroke petrol engine, Sachs two-stroke petrol engine, or Lombardini 4-stroke diesel engine. All models with 7-speed transmission, single-wheel steering, safety gear selection. Enormously versatile. Preparing soils, setting up fire trenches etc. More than a dozen implements are available for that machine.



## Superior technic of plant protection in forestry

A precise treatment of plants requires accurately calibrated spraying machines, permitting a correct application of the spray chemicals. For this reason, Holder developed excellent, partially unique technologies for the various purposes of application and design of plant protection equipment. By means of the Holder droplet test foil, the coverage can be easily controlled.

### "SUPRA" Motorized Mist Sprayers

Uniform atomization in whichever direction the spray lance is held, thanks to standard equipment with centrifugal pump and agitator. Can be easily and fast converted for granulate distribution and flame throwing.



### High-pressure spray gun

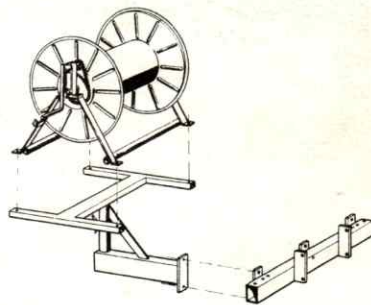


SMP 1-1  
with jet adjustable by twist grip from narrow to wide.

### Mounted sprayers

For quick and easy attachment to the machine three-point linkage. Optional equipment available, such as hoses and spray lances; low-pressure pump for weed killing or high-pressure pump for all spraying jobs.

Either one or two hose reels, mounted on practical, rotating frames. The new spray lances of three different lengths are particularly easy to handle and comply with latest regulations.



### Hand Spray Lances

Precise calibration by means of pressure adjustment and pressure control with the Doval calibration valve, accurate distribution with precision nozzles. For use with knapsack sprayers, and in connection with hose lines as spray lances.



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