HOLDER S SERIES
BENEFITS, FEATURES AND TECHNICAL DATA
COMFORTABLE CAB
Benefit from a perfect view on the attachments and maximum working comfort.
- Comfort cab with air conditioning and 360° circumferential visibility
- Windows can be opened on the side
- Very spacious even for tall and big drivers
- Air-suspended driver’s seat incl. seat heating, height-adjustable and longitudinally adjustable, with longitudinal-horizontal suspension
- S series available with 1-person or 2-person cab
- 2-person cab including adjustable multifunctional arm rest and with full-specification passenger seat – licensed for work application

EASY SERVICE ACCESS
Daily service work is possible without disassembling the attachments.
- Hydraulically tiltable engine compartment cover with integrated tipping frame work (incl. attached device)
- Removable side parts at the left and right
- Battery is accessible from the outside for e.g. jump starting during winter

3 ATTACHMENT AREAS
For the flexible use of powerful attachments.
- 2 standardised attachment areas (front and rear lift) as well as 3rd attachment area for hitching devices
- 1-person device mounting without tools
- Heavy duty front power lift is movable 3-dimensionally and double-acting, with vibration damping, arrester hooks adjustable from CAT I to CAT II
- Double-acting rear power lift with vibration damping, arrester hooks are adjustable from CAT I to CAT II
- Mechanical PTO shaft front and rear
ERGONOMIC OPERATING CONSOLE

Intuitive operation enables minimum fatigue and easy operation.
- 1-hand operation
- Clear membrane keyboard
- Programmable joystick
- Drive programme control for four driving and working steps
- Including limit load control: adjusts the driving speed to the performance on the front attachment automatically

DUAL DRIVE

- Combination of the benefits of hydrostatic and mechanical traction drive
- Hydrostatic traction drive in working mode as well as the direct drive ensure fuel saving also when driving at high speed
- Automatic change from hydrostatic to mechanical drive starting from approximately 26 km/h during the drive for fuel consumption optimisation and driving noise reduction
- Less abrasion and less heat development since the vehicle is not driven permanently by the hydrostatic pumps and engines
INSPIRING TECHNOLOGY

ARTICULATED STEERING
- Front and rear wagon as well as front and rear attachments follow the vehicle tracks
- Ensures manoeuvrability, precision, directional stability, smallest turning circles and optimum power transmission
- Your benefits: less shunting efforts, less manual re-working, precise working close to the edge, protection of the soil and minimum tyre abrasion

FOUR EQUAL-SIZED WHEELS
- Ensure maximum traction, even in steep slopes (no four-wheel creeping)
- Your benefits: high climbing capability, optimum ground protection, minimum tyre abrasion

PERMANENT FOUR-WHEEL DRIVE
- Ensures optimum power distribution on all four wheels
- Your benefits: maximum pulling force even on difficult soil, best traction, high climbing capability, optimum protection of the soil

QUICK CHANGE DEVICE
Thanks to the sophisticated design with standardised interfaces implements can be changed quickly and easily.
- Front attachments are hung on two catching hooks on the front lift (CAT I, CAT II), the fixing takes place with bolts at the top link
- Rear constructions as flatbeds, containers or spreaders are simply pushed on the attachment frame and fixed with two bolts
- Finally the hydraulic hoses have to be attached to the drip-free quick-release couplings
STEPPLESS DRIVING
UP TO 25 MPH / 40 KM/H
■ No traction interruptions
■ Transport: automatic driving via foot throttle up to 25 mph / 40 km/h
■ Working: speed control via rotary potentiometer on the joystick
■ Alternatively speed control via foot throttle at constant PTO shaft speed = SDS traction drive

WHEEL-LOAD COMPENSATION
■ Ensures that all four wheels are in permanent contact with the ground, even in case of steep or uneven terrain and when driving over obstacles
■ Your benefits: safety when turning on a hill, when driving over curb stones and when using large attachments with a high centre of gravity; in addition, rolling movements are dampened when driving on the road

MECHANICAL DIFFERENTIAL LOCK
■ Ensures an even power transmission onto both axles under extreme conditions
■ Your benefits: optimum traction, reduced accident risk; differential lock can be activated via a toggle switch

MECHANICAL PTO SHAFT
■ Ensures constant power transmission to the attachments and a very high efficiency
■ Your benefits: attachment of large and heavy devices, lower heat input into the hydraulics, longer work intervals, lower fuel consumption

ELECTRO-HYDRAULIC ATTACHMENT RELIEF
■ Weight of the attachment can be transferred to the entire vehicle steplessly
■ Due to the electro-hydraulic control, the composition of the soil is perfectly maintained
■ More traction in working mode e.g. on slippery ground, protection of the device (e.g. mulching), increased stability when turning around on a hillside

VIBRATION DAMPING
■ Ensures that the weight of the front device acts on the accumulator of the hydraulics when driving on the road
■ The system dampens vibrations and balances most body movements of the vehicle on uneven roads or at high speeds
■ Your benefits: excellent comfort for the driver and protection of the entire device when working and driving with any attachment
TECHNICAL DATA

<table>
<thead>
<tr>
<th>C 992</th>
<th>S 1090</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-person cab</td>
<td>2-person cab</td>
</tr>
</tbody>
</table>

**ENGINE**

- **Deutz 4-cylinder 4-stroke turbo diesel**
- **Displacement**: 221 in³ / 3619 cm³
- **Power**: 68 kW (92 HP)
- **Torque**: 206 lbf ∙ ft / 280 Nm
- **Rated speed**: 2600 rpm
- **Cooling**: Water cooling
- **Fuel tank capacity**: 21.6 gal / 82 l

**DRIVE**

- **Hydrostatic traction drive, controlled digital-electrically, stepless road speed control, permanent four-wheel drive, four wheels of the same size, suspended front and rear axle**
- **Maximum speed**: 25 mph / 40 km/h
- **Brakes**: Hydraulically actuated wet disc brake, acts on all four wheels as four-wheel brake, optionally: multi power brake, electric stop brake acts on both axles
- **PTO shafts**: Optional: power-switchable, independent mechanical PTO shaft, can be switched together at the front and rear, rear PTO shaft can be switched off at the gear, front: switchable from 1000 rpm to 540 rpm, rear: 1000 rpm
- **Differential lock**: Mechanical at the front and rear, simultaneously switchable electrohydraulically, scts on both axles at 100 %

**HYDRAULICS**

- **Hydraulic pump** 11 US gpm / 42 l/min or tandem pump 9 US gpm / 35 l/min + 7 US gpm / 27 l/min both optionally extendable with additional device variable displacement pump 32 US gpm / 120 l/min
- **Hydraulic oil quantity**: 11.8 gal / 45 l
- **Lifting force**: Front 5952 lb / 2700 kg
  Rear 3461 lb / 1570 kg
- **Three-point lift**: Standard three-point, arrester hook steplessly adjustable from CAT I to CAT II
- **Additional control valves**: High expandability, adapted for the purpose

**YOUR BENEFITS**

- Cost saving
- Time saving
- Safety
- Comfort
- Working result
C 992

S 1090

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</tr>
</thead>
<tbody>
<tr>
<td><strong>WEIGHT</strong></td>
<td></td>
</tr>
<tr>
<td>Empty weight</td>
<td>5816 – 6151 lb / 2638 – 2790 kg</td>
</tr>
<tr>
<td>Permissible total weight</td>
<td>9921 – 12125 lb / 4500 – 5500 kg</td>
</tr>
<tr>
<td>Permissible axle weight</td>
<td>Front 5952 lb / 2700 kg / Rear 6614 lb / 3000 kg</td>
</tr>
<tr>
<td>Tow bar load on the trailer coupling</td>
<td>Max. 1764 lb / 800 kg</td>
</tr>
<tr>
<td>Towing capacity</td>
<td>Unbraked 5512 lb / 2500 kg</td>
</tr>
<tr>
<td>Maximum payload</td>
<td>4105 lb / 1862 kg</td>
</tr>
<tr>
<td><strong>DIMENSIONS</strong></td>
<td>Depending on tires</td>
</tr>
<tr>
<td>Wheel base</td>
<td>72 in / 1827 mm</td>
</tr>
<tr>
<td>Total length</td>
<td>134 – 162 in / 3412 – 4111 mm</td>
</tr>
<tr>
<td>Total height</td>
<td>86 – 88 in / 2181 – 2243 mm</td>
</tr>
<tr>
<td>Total outer width</td>
<td>51 – 65 in / 1308 – 1639 mm</td>
</tr>
<tr>
<td>Turning circle inside</td>
<td>From 84 in / 2130 mm</td>
</tr>
<tr>
<td>Inner flatbed dimensions</td>
<td>60 x 47 x 12 in / 1530 x 1200 x 300 mm</td>
</tr>
</tbody>
</table>

SEE HOLDER IN ACTION: www.youtube.com/user/HolderTractorsInc

YOU ARE IN GOOD HANDS

- 24 months warranty
- Reliable spare parts supply
- High stability of value
- 24-hours spare parts delivery
- Tight service network and local partners
- Rental, financing and leasing
- Long operational life span
Optimum guidance, sales and service at your Holder partner:

WINTER MAINTENANCE

MOWING AND GROUND CARE

SWEEPING AND CLEANSING

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