



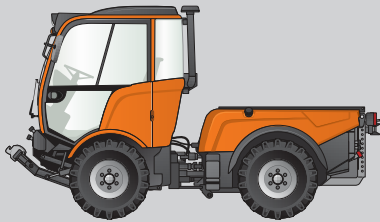
THE  
STRONGEST  
IN ITS  
CLASS!

**HOLDER**

# NEW HOLDER S-SERIES

HOLDER S 100 | HOLDER S 115 | HOLDER S 130





## TECHNICAL DATA

### S 100

#### ENGINE

Deutz TCD 3.6 4-cylinder common turbo diesel

#### Emission standard

Tier 4 final

#### Displacement

221 in<sup>3</sup> (3621 cm<sup>3</sup>)

#### Power

101 HP (74.4 kW) 115 HP (85 kW) 129 HP (95 kW)

#### Maximum torque

302 lbf · ft (410 Nm) at 1600 rpm

#### Cooling

Water cooling

#### Fuel tank capacity

18 gal (82 l)

#### DRIVE

Stepless DUAL DRIVE drive system (combination of hydrostatic and mechanical drive) with permanent all-wheel drive and electronic load limit control

#### Differential lock

Front and rear, mechanical with 100% locking

#### Speed

25 mph (40 km/h)

#### PTO shafts

Front Option 1: 540/750 rpm Option 2: 1000/750 rpm

#### Brakes

Hydraulically actuated wet disc brake, acts on all four wheels as four-wheel brake, electric stop brake acts on both axles

#### HYDRAULICS

Hydraulic pump 6.6 US gpm (25 l/min) or on request tandem pump with adjustable flow divider 10.5 US gpm (40 l/min) + 6.6 US gpm (25 l/min) variable displacement pump 31.7 US gpm (120 l/min)

#### Hydraulic oil quantity

7.4 gal (34 l)

#### Lifting capacity

5952 lb (2700 kg)

#### Rear power lift

CAT II, double-acting

#### WEIGHT

Including driver at 165 lb (75 kg), depending on tire size and equipment

#### Tare weight

6834 – 7605 lb (3100 – 3450 kg)

#### Permissible gross weight

12125 lb (5500 kg)  
Option: 13277 lb (6000 kg)

#### Permissible axle load

Front 7054 lb (3200 kg)  
Rear 7054 lb (3200 kg)

#### Tow-bar load on the trailer coupling

Max. 1763 lb (800 kg)

#### Towing capacity

Unbraked 5511 lb (2500 kg)  
Overrun braked 9920 lb (4500 kg)

#### Maximum payload

5291 lb (2400 kg)  
Option: 6393 lb (2900 kg)

#### DIMENSIONS

Depending on tire size

#### Wheelbase

71 in (1827 mm)

#### Total length

154 in (3920 mm)

#### Total height with cab

87 – 90 in (2233 – 2295 mm)

#### Total outside width

53 – 62 in (1360 – 1580 mm)

#### Turning radius inside / outside

77 in (1974 mm) / 119 in (3045 mm)

### MULTIFUNCTIONAL SOLUTIONS:

#### WINTER MAINTENANCE

- Snow plow, blowing, sweeping, loading
- Cross-country ski-tracks
- Spreaders
- Brine spraying
- Ice scraping

#### MOWING AND GROUND CARE

- Mower-vacuum combination
- Ditch clearing
- Mowing (with flail head, rotary, wide area, and boom arm mower)
- Mulching
- Hedge cutting
- Watering

#### SWEEPING AND CLEANING

- Sweeper-vacuum combination
- Sweeping brush
- Cleaning of reflective posts and traffic signs
- Debris removal
- Leaf removal
- Pressure washer
- Synthetic turf cleaner
- Hot water weed control



### YOUR TOP ADVANTAGES

- Three independent hydraulic drives
- Two proportional functions simultaneously operable
- Programmable joystick
- LED lighting
- 100% mechanical differential lock on both axles
- Three mounting areas for multi functional solutions
- Mechanical front PTO
- Hydraulic wheel stabilizer
- Outstanding maneuverability
- Three cab configurations
- Touch display

**HOLDER IN ACTION: [www.youtube.com/user/holdertractorsinc](http://www.youtube.com/user/holdertractorsinc)**

# HOLDER

**NO COMPROMISE**

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**HOLDER**

# HOLDER S SERIES

BENEFITS, FEATURES AND TECHNICAL DATA



# HOLDER S SERIES



## 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



## 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



Holder C 992



## 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



Holder S 1090



## 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



## ERGONOMIC OPERATING CONSOLE

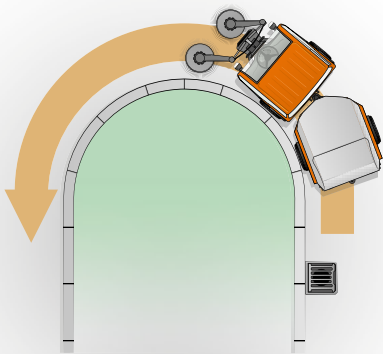
**Intuitive operation enables minimum fatigue and easy operation.**

- 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

# INSPIRING TECHNOLOGY

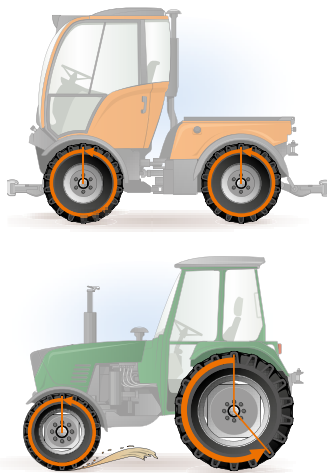
## ARTICULATED STEERING

- 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

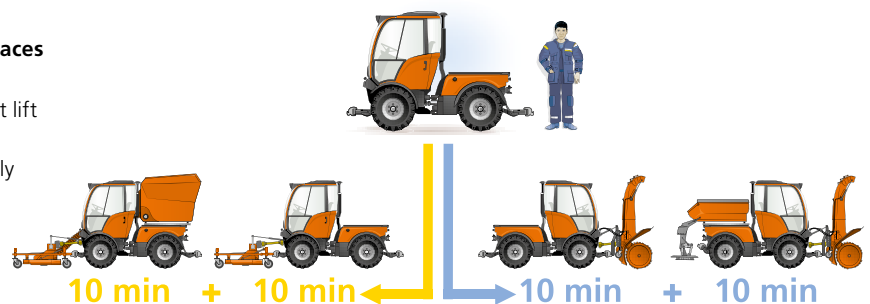
- Ensures optimum power distribution on all four wheels
- Your benefits: maximum pulling force even on difficult soil, best traction, high climbing capability, optimum protection of the soil



## 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



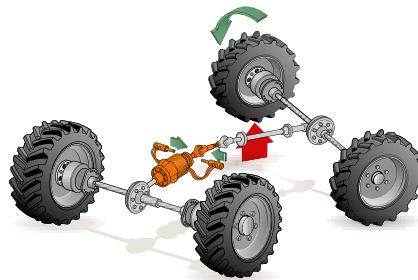
## STEPLESS DRIVING UP TO 25 MPH / 40 KM/H

- 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



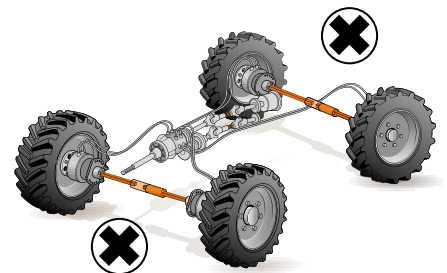
## WHEEL-LOAD COMPENSATION

- 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



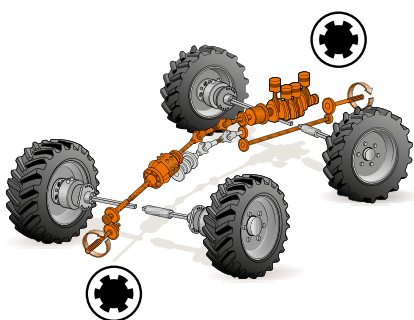
## MECHANICAL DIFFERENTIAL LOCK

- 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



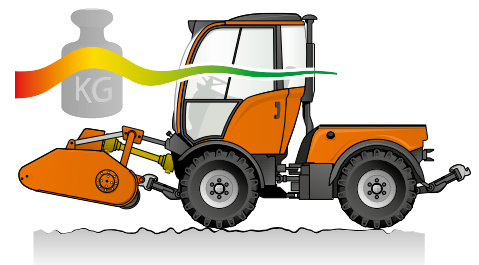
## ELECTRO-HYDRAULIC ATTACHMENT RELIEF

- 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

		
	C 992	S 1090
	1-person cab	2-person cab
ENGINE	Deutz 4-cylinder 4-stroke turbo diesel	
Displacement	221 in <sup>3</sup> / 3619 cm <sup>3</sup>	
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	
	Optionally: DualDrive	
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, acts 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

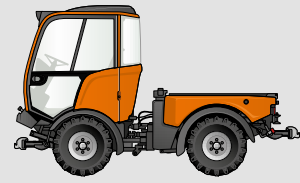
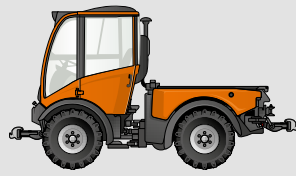


Comfort



Working result





**C 992**

**S 1090**

**1-person cab**

**2-person cab**

<b>WEIGHT</b>	Including driver at 165 lb / 75 kg, depending on tires and equipment	
<b>Empty weight</b>	5816–6151 lb / 2638–2790 kg	6360–6775 lb / 2885–3073 kg
<b>Permissible total weight</b>	9921–12125 lb / 4500–5500 kg	
<b>Permissible axle weight</b>	Front 5952 lb / 2700 kg / Rear 6614 lb / 3000 kg Front 7055 lb / 3200 kg / Rear 7055 lb / 3200 kg	
<b>Tow bar load on the trailer coupling</b>	Max. 1764 lb / 800 kg	
<b>Towing capacity</b>	Unbraked 5512 lb / 2500 kg Overrun braked 9921 lb / 4500 kg	
<b>Maximum payload</b>	4105 lb / 1862 kg	3560 lb / 1615 kg
<b>DIMENSIONS</b>	Depending on tires	
<b>Wheel base</b>	72 in / 1827 mm	
<b>Total length</b>	134–162 in / 3412–4111 mm	146–167 in / 3702–4235 mm
<b>Total height</b>	86–88 in / 2181–2243 mm	88–90 in / 2233–2295 mm
<b>Total outer width</b>	51–65 in / 1308–1639 mm	52–65 in / 1320–1639 mm
<b>Turning circle inside</b>	From 84 in / 2130 mm	
<b>Inner flatbed dimensions</b>	60 x 47 x 12 in / 1530 x 1200 x 300 mm	

**SEE HOLDER IN ACTION: [www.youtube.com/user/HolderTractorsInc](http://www.youtube.com/user/HolderTractorsInc)**

## YOU ARE IN GOOD HANDS

- 24 months warranty
- 24-hours spare parts delivery
- Reliable spare parts supply
- Tight service network and local partners
- Long operational life span
- High stability of value
- Rental, financing and leasing

## WINTER MAINTENANCE



## MOWING AND GROUND CARE



## SWEEPING AND CLEANSING



Subject to technical changes Correct use of the attachments according to the Holder Attachment Evaluation Availability of vehicles and options depending on country 10/2017 Language: English ID no.: 162481-01

# HOLDER

## NO COMPROMISES

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