

**Skid Steer Loader 701s**

**Operating data**

Operating weight*	2400 kg
Payload	680 kg
Tilting load	1360 kg
Bucket volume heaped/level	0,29/0,36 m <sup>3</sup>

**Engine**

Make/type	Yanmar 4TNV88
Model	water-cooled
	4-cylinder diesel engine
Net engine output	34 kW (46 PS)
Displacement	2189 cm <sup>3</sup>
Operating speed	2800 min <sup>-1</sup>
Battery	12 V/88 Ah
Fuel tank capacity	52 litres

**Hydraulic system**

Pump	gear pump
Operating pressure of working hydraulics	210 bar
Hydraulic capacity of working hydraulics	62 l/min
Hydraulic oil cooler	standard combined cooler
Volume of hydraulic tank	55 litres

**Drive**

Pump	axial piston variable displacement pump
Drive Speed	12 km/h
Standard tyres	10 x 16,5
Drive concept	Quattrostatic® = 4 separate travelling motor/gear units
Brake	hydr. parking brake

**Skid Steer Loader 701sp**

**Operating data**

Operating weight*	2450 kg
Payload	680 kg
Tilting load	1360 kg
Bucket volume heaped/level	0,29/0,36 m <sup>3</sup>

**Engine**

Make/type	Yanmar 4TNV84 Turbo
Model	water-cooled
	4-cylinder diesel engine
Net engine output	39 kW (52 PS)
Displacement	1998 cm <sup>3</sup>
Operating speed	2800 min <sup>-1</sup>
Battery	12 V/88 Ah
Fuel tank capacity	52 litres

**Hydraulic system**

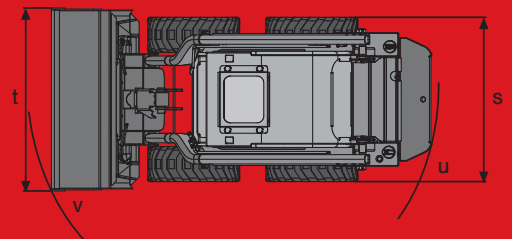
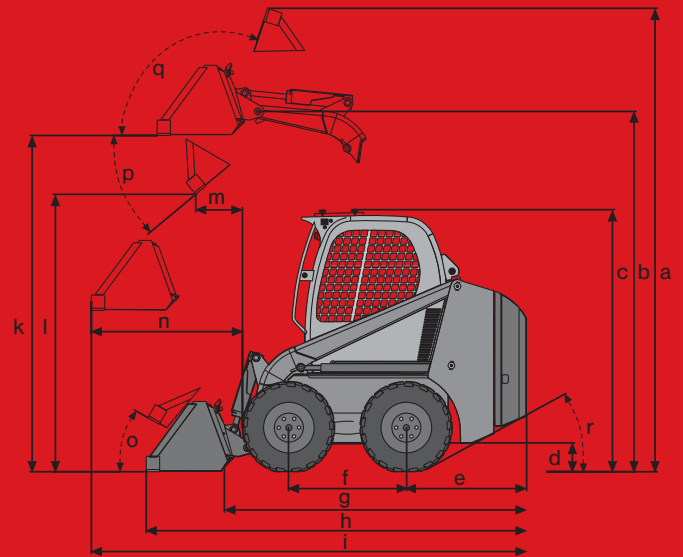
Pump	gear pump
Operating pressure of working hydraulics	210 bar
Hydraulic capacity of working hydraulics: „powerflow“	<b>115 l/min</b>
Hydraulic oil cooler	standard combined cooler
Volume of hydraulic tank	55 litres

**Drive**

Pump	axial piston variable displacement pump
Drive Speed	12 km/h
Standard tyres	10 x 16,5
Drive concept	Quattrostatic® = 4 separate travelling motor/gear units
Brake	hydr. parking brake

**Dimensions**

a	Maximum height	3620 mm
b	Height up to bucket pivot pin	2860 mm
c	Cabin height	1947 mm
d	Ground clearance	252 mm
e	Tail projection (over rear axle)	1056 mm
f	Wheelbase	890 mm
g	Overall length without attachment	2440 mm
h	Overall length with standard bucket	3060 mm
i	Maximum vehicle length	3517 mm
k	Bucket height in top position	2660 mm
l	Maximum dumping height	2325 mm
m	Reach	516 mm
n	Maximum reach	1173 mm
o	Dump-in angle	29 °
p	Dump-out angle	35 °
q	Dump-in angle	105 °
r	Gradient of slope	27 °
s	Width of vehicle (with standard tyres 10 x 16,5)	1475 mm
t	Bucket width	1520 mm
u	Turning radius - tail	1520 mm
v	Turning radius - front	1771 mm



## Standard equipment

### Skid Steer Loader 701 s

#### Engine

Water-cooled YANMAR diesel engine 4-cylinder, EPA2

#### Hydraulic system

Hydraulically pilot-operated travelling mechanism and working hydraulics

Load limit sensing control of tandem pump

Float position of boom

Hydraulic parking brake

Front-side auxiliary hydraulics

Combined cooler

#### Cabin

ROPS/FOPS level 1, with 12 V power outlet, internal lighting and cargo net, lockable document box

Dashboard with numerous instruments

Adjustable comfort seat

Adjustable armrests

Retractable seat belt

Safety bar

Inside rearview mirror

Loading lugs

Lexan protection roof

#### Travelling mechanism

Quattrostatic®: This means 4 separate heavy-duty drive motors connected to the wheels via step-down gear

##### Advantages

- Chainless Drive
- Maximum ground clearance due to elimination of chain boxes
- Maintenance-free drive
- Low centre of gravity, gives increased stability
- New & part worn tyres can be mounted on the same side

#### Miscellaneous

Bucket self-levelling (selectable for upward movement)

Accelerator pedal

Universal quick-hitch system

Compatible wheel hub dimensions

### Skid Steer Loader 701 sp

#### Engine

Water-cooled YANMAR diesel engine 4-cylinder with turbocharger, EPA2

#### Hydraulic system

For ident. see 701s including **"powerflow"**: increased oil flow in auxiliary hydraulics (2 auxiliary hydraulics connections + 3 **"powerflow"** connections)

## Options

# 701<sub>s</sub> 701<sub>sp</sub>

Airboss® tyres

Rear worklights

BP-Biohyd SE 46

Bio oil Panolin

Theft protection

Rotary beacon

Single-point lifting kit

FOPS roof level 2

Rear vehicle support for excavator boom

Fully glazed cab

Reverse alarm

Mirror package (mirrors left and right)

Narrow tyres (width with narrow shovel 1370 mm)

Security 24 (1500h)

Security 24 (2000h)

Side window

Special paint RAL (colour only for red parts)

Special paint non RAL (colour only for red parts)

Road homologation kit

Wide range of attachments

Vandalism protection

Twin lever controls

(H-pattern hand controls)

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