DIECI AUSTRALIA

SAMSON | 72.10 GD / 75.10 S GD





SAMSON 72.10 GD / SAMSON 75.10 S GD

UNMATCHED POWER FOR HEAVY DUTY PRECISION

Every Dieci machine is built on three core principles: **innovation**, **reliability** and **durability**. Continuous research, customer feedback and real-world experience ensure every machine delivers outstanding performance across Australia's demanding construction, mining, agricultural and industrial sectors.

The Samson 72.10 GD and 75.10 S GD are high-capacity telehandlers designed to handle heavy loads efficiently, helping to increase productivity and reduce work cycles. Built with durable components and engineered for easy maintenance, they deliver long-term reliability in demanding applications.

Powerful performance, precise hydraulic controls, a spacious sound-insulated cab, and three steering modes; 2WS, 4WS and crab steer - combine to provide outstanding manoeuvrability, operator comfort and ease of use.

Compatible with a wide range of attachments, the Samson 72.10 GD and 75.10 S GD are exceptionally versatile and suited to a broad range of lifting and material handling tasks.







ABSOLUTE RELIABILITY:
BUILT FOR AUSTRALIAN CONDITIONS

Dieci telehandlers combine superior operator comfort with practical functionality, providing the performance and reliability demanded across Australia's toughest industries.

Advanced Telescopic Boom

The reinforced telescopic boom is manufactured from high-strength steel and features load-sensing, flow-sharing hydraulics for smooth, simultaneous movements and increased productivity.

4-in-1 Joystick

The telescopic boom is controlled via a single proportional joystick, enabling smooth, simultaneous hydraulic functions while incorporating Forward, Neutral and Reverse (FNR) controls for simple, intuitive direction changes.

Giugiaro Design (GD) Cab

Developed in collaboration with renowned Italian design house Giugiaro, the GD (Giugiaro Design) cab combines modern styling with exceptional comfort and functionality. A spacious interior, premium finishes, adjustable controls and an air suspension seat maximise operator comfort and productivity.

Powerful & Stable

Built for maximum performance, the Samson delivers outstanding lifting capacity throughout the boom's operating range. An integrated transverse levelling system maintains chassis stability on uneven terrain.

Maximum Safety

The ROPS-FOPS approved cab is designed with a safety cell to provide maximum safety to the operator at all times. Dieci telehandlers comply with AS1418.19 / AS10896.1.

Deadman sensor, combined with operator presence sensor in the seat, prevents accidental operation.

The **Load Limiter Device** analyses vehicle stability in real time and inhibits any aggravating movements when the pre-set safety limits are reached.







Samson 72.10 GD

9.50m
Max Lift Height



Side Shift Carriage
Equipped with a side shift carriage for precise load positioning and effortless accurate stacking.

Single Compensation Cylinder
Dieci's patented load balancing system, integrated within the lifting ram, maintains balanced boom loads to enhance durability and long-term reliability.

Inching Pedal
Allows travel speed to be reduced or stopped while maintaining full hydraulic power to the boom for greater precision during delicate operations.

Hydrostatic Transmission
Features a two-speed servo-controlled gearbox and continuously variable hydrostatic transmission, delivering high travel speeds with exceptional low-speed torque.

145L/M Hydraulic Flow Rate
The 145 l/min hydraulic flow rate maximises boom manoeuvrability in all applications.



Samson 75.10 S GD

9.65m
Max Lift Height

7,200kg
Max Capacity

125hp / 93kW
Nominal Power



Panoramic Views

The large, curved windows of the GD cab offer a complete 360° outside view with uninterrupted visibility.

Reversible Fan

The engine cooling system features a reversible fan that automatically clears dust and debris from the radiator for optimum cooling performance.

134° Fork Swivelling Angle

Designed to increase the operating arc of the forks, providing greater efficiency and flexibility when loading or unloading with the boom raised.

Comfort & Practicality

The spacious GD cab is designed to maximise operator comfort and productivity, with an adjustable steering column, air suspension seat, ergonomic controls and practical storage compartments.

FPT Diesel Engine

Powered by an efficient and reliable FPT diesel engine producing 93 kW (125 HP).

7,500kg
Max Capacity

125hp / 93kW
Nominal Power

TECHNICAL DATA

PERFORMANCE	72.10 GD	75.10 S GD (WITH STABILISERS)
Maximum capacity	7,200 kg	7,500 kg
Maximum lifting height	9.5 m	9.65 m
Maximum horizontal extension	5.4 m	5.4 m
Fork swiveling angle	134 °	134 °
Pull-out force	5,700 daN	5,700 daN
Towing force	7,300 daN	7,300 daN
Maximum climb angle	40 %	40 %
Unladen weight	12,600 kg	13,500 kg
Maximum speed	40 km/h	40 km/h

ENGINE	
Brand	FPT
Nominal power	125 hp / 93 kW (@ 2,200 rpm)
Operation	4-stroke / diesel
Injection	Mechanical direct
Number and arrangement of cylinders	4, vertical inline
Displacement	4,485 cm^3
Emission standard	Stage IIIA/Tier 3
Cooling	Liquid
Intake	Turbocharger after-cooler

TRANSMISSION	
Type	Hydrostatic transmission with variable displacement pump
Hydraulic motor	Hydrostatic with continuous automatic adjustment
Reversal	Electro-hydraulic
Inching control	With hydraulic pedal for controlled forward movement
Gearbox	Servo-controlled 2-speed

HYDRAULIC SYSTEM	
Hydraulic pump type	Gear pump for power steering and movements
Hydraulic pump capacity	145 l/min
Maximum operating pressure	26 MPa (3,771 psi)
Boom hydraulic sockets	With quick couplings
Distributor control	Joystick with integrated FNR (with deadman capacitive sensor)
Distributor type	Hydraulic distributor-single joystick with proportional and simultaneous controls

TANK CAPACITIES	
Hydraulic system	210 l
Diesel tank	125 l

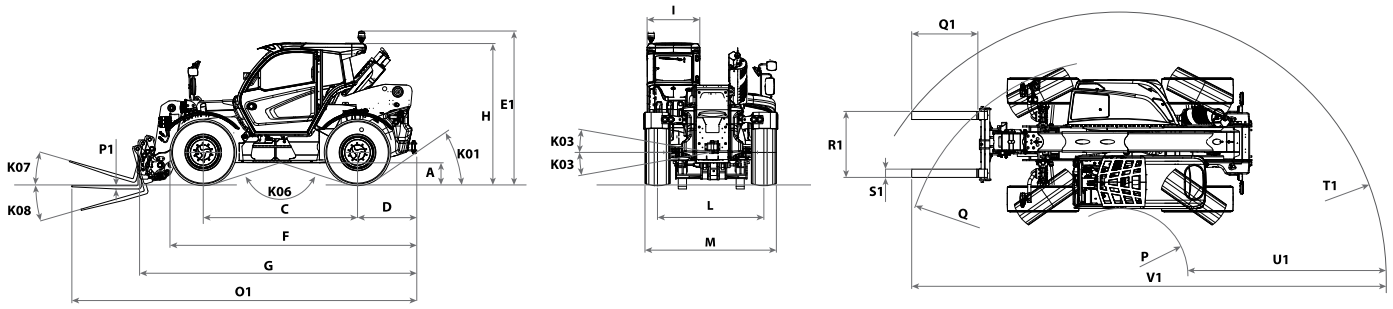
DIFFERENTIAL AXLES	
Steering axles	2 steering, with 4 epicyclodial reduction gears
Type of steering	4 wheels / transversal / 2 wheels
Service brake	Oil bath with servo brake on front and rear with double hydraulic system
Park brake	Negative actuation with electrical control

TYRES	
Size	18x22.5”

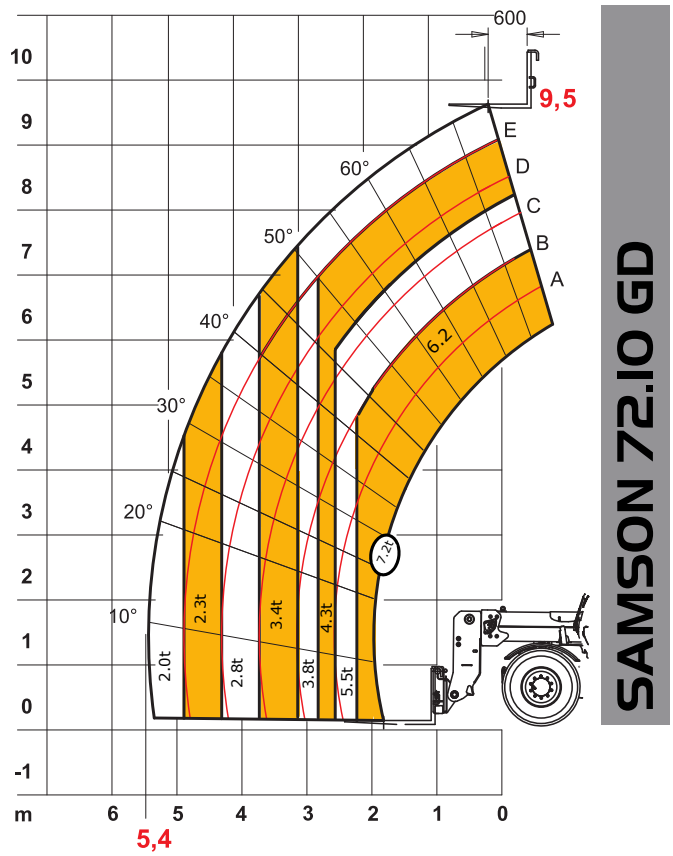
SAMSON 72.10 GD / 75.10 S GD

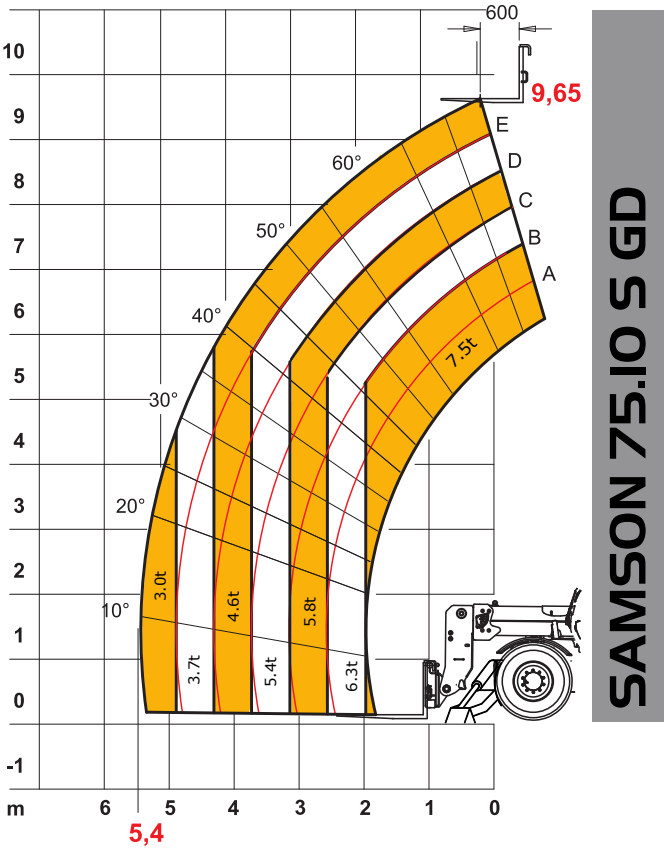
DIMENSIONS

A	390 mm	**K08**	113 °
C	2950 mm	**M**	2390 mm
D	1445 mm	**O1**	7260 mm
E1	2900 mm	**P**	1325 mm
F	4990 mm	**P1**	80 mm
G	5910 mm	**Q**	4035 mm
H	2640 mm	**Q1**	1200 mm
I	960 mm	**R1**	1230 mm
L	1930 mm	**S1**	200 mm
K01	25 °	**T1**	5330 mm
K03	10 °	**U1**	4000 mm
K06	145 °	**V1**	9665 mm
K07	13 °		



LOAD CHARTS





NEW SOUTH WALES

Sydney Branch

1/5 Melito Court,
Prestons, NSW 2170

WESTERN AUSTRALIA

Perth Branch

32 Allott Way,
Maddington, WA 6109

VICTORIA

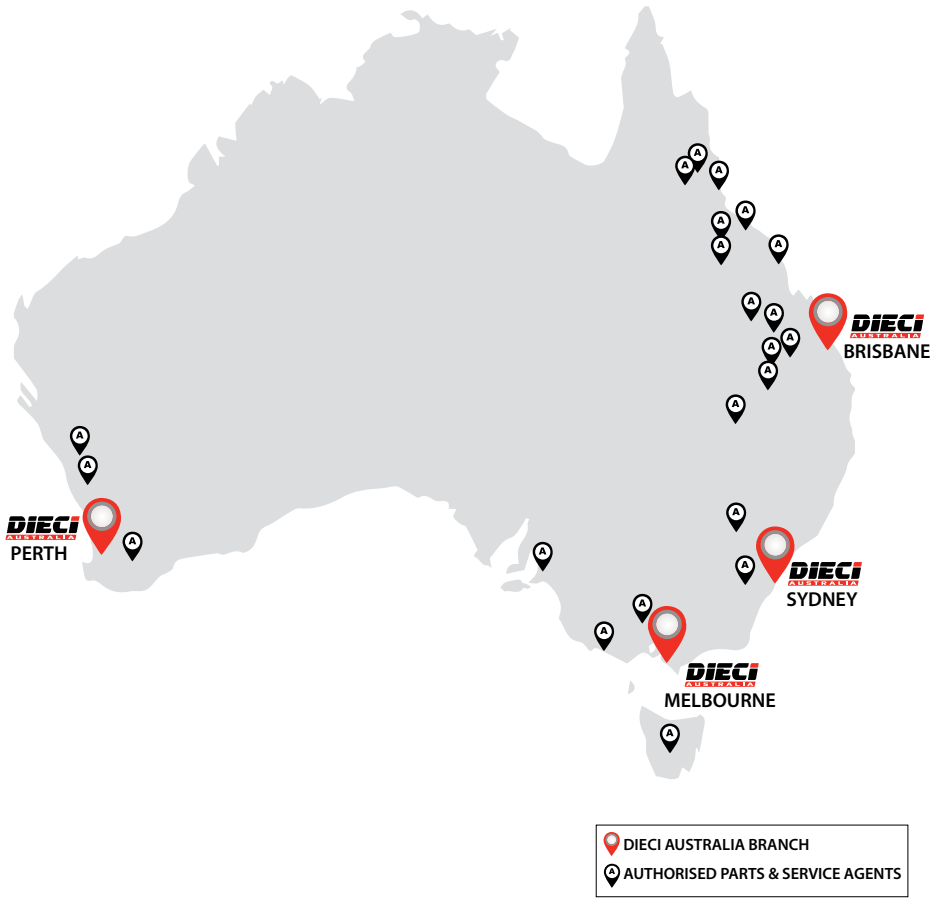
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QUEENSLAND

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Illustrations and photos show the standard international models and may or may not include optional equipment, accessories, customer installed or modified parts, optional parts and all standard equipment with some differences in colour and features. Machine specifications are subject to change without notice and additional load charts and machine or attachment specifications may be available on request. Please refer to the user and maintenance manuals located on Dieci Australia's website for correct machine and attachment operation.

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