



Wheel loader

TELESCOPIC SWING LOADERS
TELESCOPIC WHEEL LOADERS
SWING LOADERS



STRONG. STABLE. DURABLE.
EVERY DAY.

Strong. Stable. Durable.

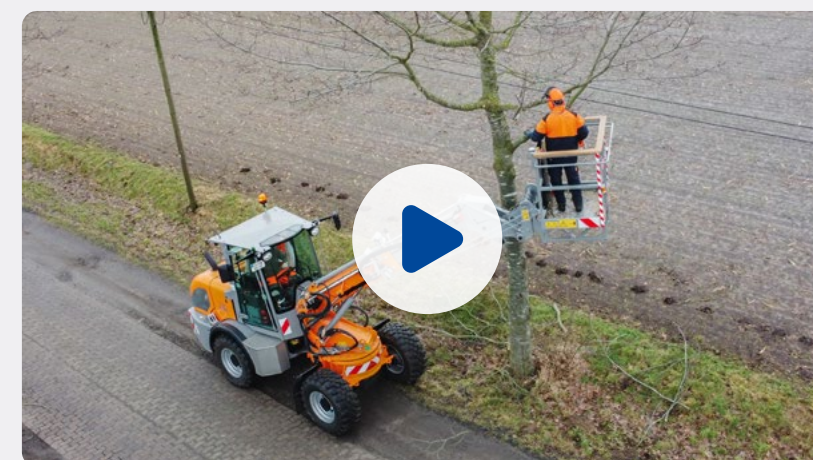
Every day.

- Stability and durability in every situation
- Plenty of power for every job
- Maneuverable and fast, even in confined spaces
- Reliability in excellent quality

A family business with a feeling for the truly important things

Paus stands for efficiency, quality and sustainability in true mechanical engineering tradition. As a family business, we develop construction machines, mining and tunneling vehicles and lift technology at our Emsland site in Emsbüren, Germany.

Our goal: Your success! Paus machines will enable you to continually master even the toughest challenges.



Here you can reach
our image film:



Advantages of the Paus concept

Compact. Ergonomic. Efficient.

Maximum versatility:

Maximum versatility: High hydraulic power for attachments in gardening, landscaping, road and canal construction. Various certifications, including for optional work basket operation.

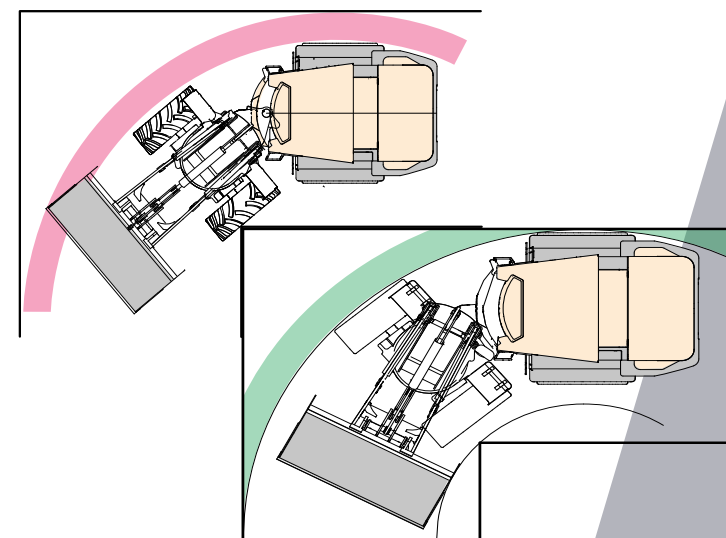
„Swing, don't steer“

90° swing linkage for efficient working in confined construction sites. Less maneuvering compared to a standard loader, resulting in less strain on man and machine.



„Work in an instant“

Precise swing, telescoping and attachment operation are fully proportional and simultaneous via the joystick.



Combination of articulated steering and pivoting hitch:

The working tool remains within the turning circle and the machine is ideal for confined areas.



Reduce engine RPM, increase efficiency!

Use the additional function at maximum speed. Discover the advantages of the TSL 9088 Pro, SL 9088 Pro and TL 9088 Pro as standard.

- 20 % fuel savings with CO² reduction
- Reduced noise level for more comfort for the driver & environment
- Less wear and tear with a longer service life for your components
- Regulated braking effect on accelerator pedal return

More information available on request!

The Allrounders

from Paus



The new Paus Pro-Series

The new EN 474 standard introduces a load moment monitoring system that prevents telescopic wheel loaders from tipping in the longitudinal direction. Paus goes one step further and integrates this safety device also in the transversal direction to provide additional protection for the swivel function.

Intelligent components not only ensure greater safety, but also increase efficiency and support the operator in a wide range of applications.

CONTROL SYSTEM

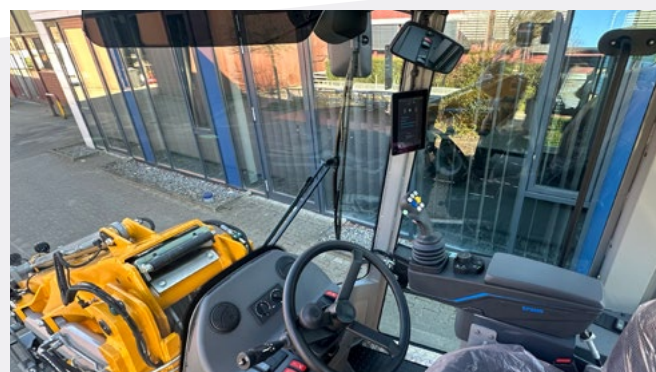
- **7" color display:** Clear display of machine data and functions, with optional touch controls.
- **Paus Controller:** Intuitive control of the display with direct button selection and access to real-time performance data.
- **Optimized control layout:** Switches and buttons provide direct access and quick operation of basic functions.

JOYSTICK FUNCTIONS

- The proven Paus joystick operating concept with advanced functions such as float position, travel buttons, auxiliary circuits, differential lock, shaking and swivel function (telescopic swing loaders only).
- Other optional features such as load assist, switchable socket and more are available.

TRACTION DRIVE

- **Integrated cruise control and variable speed limitation:** Increases the quality of work and comfort for the operator in combination with an attachment.



Improved cab with roof window, lighting, safe access and optimum view of the arm.



Clearly laid out control panel: The number of switches has been reduced.



Ergonomic operation with joystick and joystick controller.



7" color display with customizable information.



Standard 65 l/min flow in the first auxiliary circuit for a variety of attachments including pressure relief as standard.

USER PROFILES AND ASSISTANCE SYSTEMS

- **Customizable user profiles:** Three modes of operation (fast, medium, slow) can be selected to match the machine to the application, from delicate forklift operations to fast material handling.
- **Versatile assistance systems:** Adjustable to the operator's needs with a range of options:
 - Automatic swivel function in center position (TSL only)
 - Automatic load positioning
 - Bucket and linkage positioning
 - Stored positions of the telescopic booms, which can be approached individually or in combination
 - Tire collision avoidance (TSL only)
 - Load-dependent oscillating axle lock to optimize traction when swivel, especially on uneven terrain.

SAFETY AND EQUIPMENT

- **Load moment monitoring:** Maximum protection against tipping while increasing machine efficiency.
- **ROPS/FOPS II cab:** Protection and visibility through protected roof window.
- **LED-lights:** Optimum illumination of the working area.
- **Optional second auxiliary circuit:** Cables are routed inside the boom for better visibility of the attachment.
- **Rear window heater:** Clear visibility in all conditions.
- **Access from both sides:** Safe access to the cab from both sides with large steps.
- **Electronic limit position damping:** For lifting and tipping, including tilt angle limiter.



Options: socket, hydraulic oil level check, integrated weighing system, tipping assistant, oscillating axle lock and much more.



We are there, where our customers are

Maintenance and service:

Repairs and maintenance work are central points in customer service. Paus offers a comprehensive service program to its customers:

- Service on site or in the factory by our technicians
- Service by our trained, regional service partners
- Support for customers with technical inquiries through our service consultant



CUSTOMER SERVICE



SERVICE NETWORK



CONTACT



TRAININGS

Digital Support



Troubleshooting your machine remotely

In the event of a machine failure we offer remote maintenance as if we were on site, via remote access or remote control to the technician's desktop. It doesn't matter which Paus machine it is.

Your advantage: affordable, flexible and fast help.

We use the proven TeamViewer program to establish a remote connection via a secure network and provide assistance in the event of a problem.

Warranties



Warranties

Our machines are built using our many decades of wide-ranging experience and according to the requirements of our client. Together with our quality management system, certified in accordance with ISO 9001, we achieve a constantly high product quality.

If any problems should nevertheless arise, please contact our local dealer or contact Paus directly.

Our services at a glance:

- Central warranty processing at the plant
- Optional warranty extension
- Fast repair and processing

HERE YOU CAN REACH OUR SERVICE PAGE:

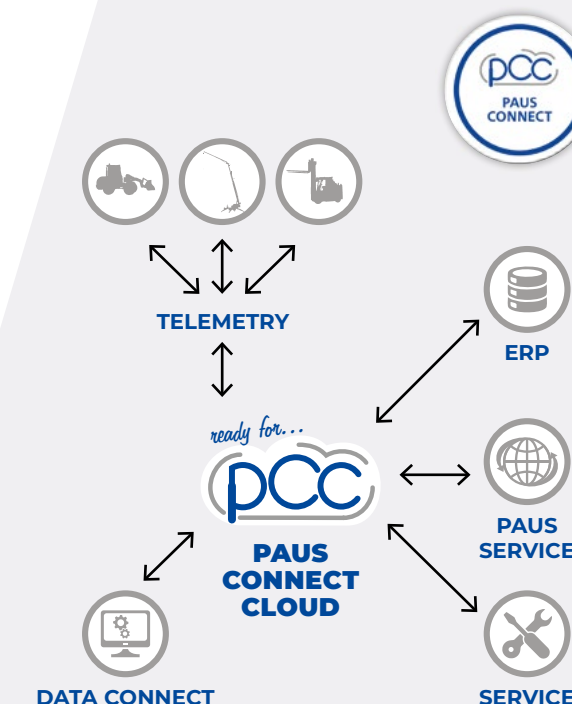
www.paus.de/en/service-spare-parts



PAUS Connect Cloud

The Paus monitoring system

The Paus Connect Cloud is a proven system „Made in Germany“. Keep an eye on your machines at all times: see how your machine is being used, monitor messages and be prepared for possible machine maintenance. The system can be installed on Paus machines and integrated into existing networks.



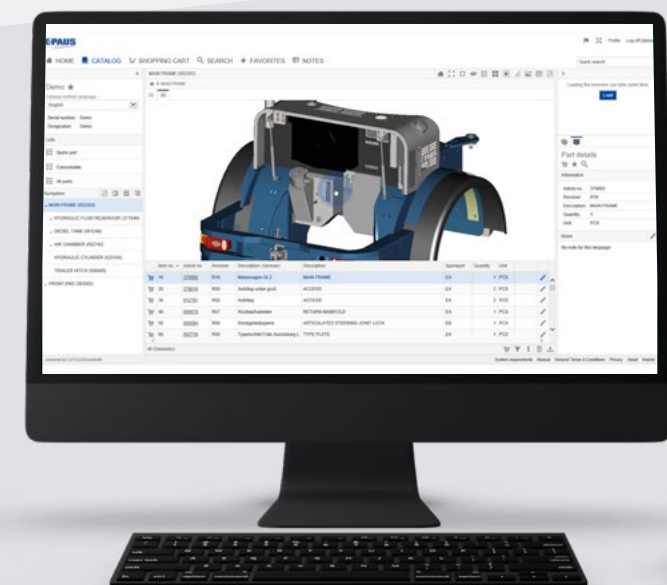
Spare Parts catalog

Online spare parts catalog

We place maximum value on high availability of Paus spare parts. Alongside maintenance and service parts that are available at any time, we offer our customers the option to purchase spare parts for engines, axles, transmissions, etc. through us. Additionally, maintenance and service packages are continually available from us.

We guarantee this fast and convenient service thanks to a comprehensive concept, consisting of material planning, stockkeeping and logistics. We thus keep a customized warehouse stock at the Paus central warehouse in Emsbüren available for our customers at any time.

We are also available to help with special consultation, including on-site at our customers' location if necessary.



Overview

SL 9075 Swing loader

- 180° swivelling lifting gear
- 6890 kg
- 55,4 kW / 75,4 hp
- 1 m³ bucket volume



SL 9088 Pro Swing loader

- 180° swivelling lifting gear
- 7605 kg
- 85 kW / 115,6 hp
- 1,2 m³ bucket volume



TSL 9075 Pro Telescopic swing loader

- 180° swivelling lifting gear
- 7490 kg
- 55,4 kW / 75,4 hp
- 1 m³ bucket volume



TL 9065 Pro Telescopic wheel loader

- 6495 kg
- 55,4 kW / 75,4 hp
- 1 m³ bucket volume



TL 9078 Pro Telescopic wheel loader

- 6900 kg
- 85 kW / 115,6 hp
- 1 m³ bucket volume



TSL 9088 Pro Telescopic swing loader

- 180° swivelling lifting gear
- 7650 kg
- 85 kW / 115,6 hp
- 1 m³ bucket volume



Swing loader

SL 9075 / SL 9088 Pro



POWERFUL, AGILE AND COMFORTABLE

The PAUS SL series promises much faster loading cycles in tight spaces. The motto is: „Swing, don't steer!“

The SL series is masterful in the measured filling of ditches, levelling or loading bulk goods to the side without lengthy maneuvering of the machine.

The combination of the 180° rotatable lifting gear and the articulated steering allows you to drive through narrow passages easily.

Powerful engines (up to 85 kW) and additional hydraulic control circuits with a capacity of up to 140 l/min allow high-performance attachments to be driven.

The comfortable ROPS/FOPS cab provides a fatigue-free workplace with full circumferential view.

PRODUCT HIGHLIGHTS

- Heavy loading with full maneuvering capability
- Working in tight construction sites with little space for maneuvering
- 180° swing system
- Excellent off-road capability in every situation



Telescopic wheel loader

TL 9065 Pro / TL 9078 Pro

Pro



VERSATILE, STABLE AND WITH ENORMOUS HEIGHT

The PAUS TL series impresses in the field of high-loading bulk goods or in stacking operations.

The 50% more dumping height opposite to comparable standard loaders simplify the loading of bulk goods into high-boarded trucks or funnels. The articulated steering allows precise handling of pallets and goods. Stationary steering allows to position the load simply, without further movement of the machine.

An extremely powerful telescopic arm system and the equipment option of an auxiliary hydraulic control circuit with a capacity of up to 140 l/min makes the PAUS TL series a true heavy load partner.

PRODUCT HIGHLIGHTS

- Heavy loads up to great heights
- Perfect circumferential view, including upwards
- Extremely steadfast and rugged
- Loads can be precisely adjusted and positioned



Telescopic swing loader

TSL 9075 Pro / TSL 9088 Pro

Pro



THE ALLROUNDER AMONG THE SWING LOADERS

This multifunction equipment carrier masters all tasks in construction, landscaping and communal work.

Besides the standard operations with buckets and pallet forks, this machine series demonstrates its versatility in winter service, street maintenance, mulching and mowing and when working with a sweeper.

Operations with a milling machine, vibrating plate or auger make the TSL series the perfect partner for cable construction, road works and landscaping.

Need to lift a pallet over the side? No problem!

The option of a certified working platform fully complements the multifunction capability of our equipment carrier.

PRODUCT HIGHLIGHTS

- Heavy-duty and high loading possible, including up to 90° to the side
- Multifunctional operation with a wide range of attachments
- Operation with work platform (optional)
- The allrounder in every sector



Ideally equipped

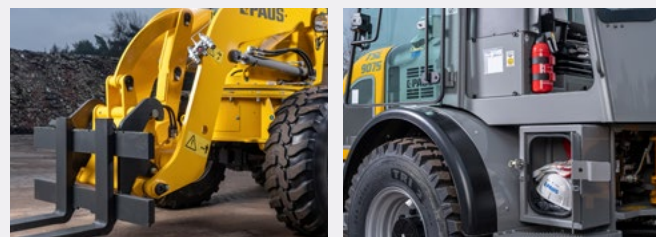
According to your wishes

STANDARD EQUIPMENT

- Comfortable ROPS/FOPS Cab
- Large cabin door on each side
- Stable and skid proof ladders
- 3-speed ventilator with pollen filter
- Large, folding exterior mirrors
- Adjustable steering column
- Parallel windscreen wipers with windscreen washer and intermittent setting at the front
- Tinted panoramic safety glazing
- Additional window on roof front
- Orthopaedic, fully adjustable driver's seat with lumbar support and lap belt
- Powerful heating and ventilation system
- Joystick with integrated swing function (for SL), direction of travel indicator and switch for auxiliary hydraulic control circuits
- Interior light, interior mirror, sun visor and stowage compartment
- Switchable float position
- Crawling speed, adjustable by potentiometer
- Road Traffic Regulations (german StVZO)
- Hydraulic 4-point quick-hitch system

ADDITIONAL OPTIONS (SELECTION)

- Head restraint
- Armrest, left
- Auxiliary heater
- Seat heating
- Air-conditioning system
- Heatable exterior mirror
- Heatable rear window
- LED work lights
- Sliding windows, left and right
- Air-suspended comfort seat
- Cab preheater 220 V
- Radio with USB, Bluetooth, MP3 function, speaker and antenna
- Lift arm damping
- Auxiliary control circuits, alternatives: 80 l/min; 100 l/min; 140 l/min
- Special paint finish
- Special hydraulic oils
- Special tires
- Euro quick-hitch unit
- Cyclone pre-filter
- High-speed version (30 km/h, alternatively 40 km/h)
- Reversible fan (with TCD 3.6)
- Trailer hitches: tractor jaw, Rockinger jaw or ball head. Alternatively: adjustable hitch attachment with Rockinger jaw and ball head, incl. 13-pin socket
- 2-person platform operation with type-examination tested work platform
- Druckluftbremsanlage
- Rear hydraulics
- Rear view camera system
- Paus Connect



Equipment features

Pro-series

STANDARD EQUIPMENT

- Electronic flow sharing: parallel movement of the working hydraulics plus stepless adjustable flow rate for the auxiliary circuits via the display
- Three selectable driving modes: fast, medium, slow
- Cruise control
- TSL tire collision protection

ADDITIONAL OPTIONS (SELECTION)

- Software packages with a wide range of additional assistance systems
- Touch display
- Integrated weighing system
- Automatic engine cutoff
- Vehicle immobilizer with code entry via display



Display with Flow Sharing



Display with user profiles



Coupler ZK2



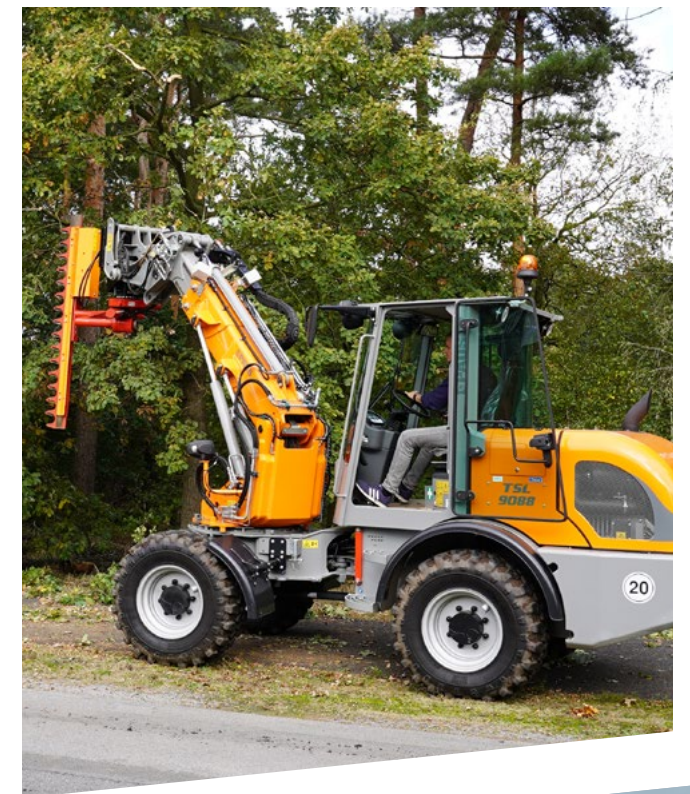
Versatility

THANKS TO ATTACHMENTS

Thanks to a wide range of attachments, the Paus loaders can be used for different tasks. The standard integrated auxiliary circuit with a volume flow of 65 l/min already covers the requirements of many common attachments.

EXAMPLES OF ATTACHMENTS ARE:

- Working platform
- Branch and bank shears
- Mulcher
- Attachment compactor
- Sorting grapple
- Salt sprayer in combination with snow plough
- Verge tiller
- Manhole cover tiller
- Weed brush
- Snow Blower
- Stump grinder
- And many more...





Technical Data

TECHNICAL DATA	SWING LOADERS		TELESCOPIC WHEEL LOADERS		TELESCOPIC SWING LOADERS	
	SL 9075	SL 9088 Pro	TL 9065 Pro	TL 9078 Pro	TSL 9075 Pro	TSL 9088 Pro
Engine	Deutz	Deutz	Deutz	Deutz	Deutz	Deutz
Type	TD 2.9	TCD 3.6	TD 2.9	TCD 3.6	TD 2.9	TCD 3.6
Output in kW / hp	55,4 / 75,4	85 / 115,6	55,4 / 75,4	85 / 115,6	55,4 / 75,4	85 / 115,6
Nominal speed	2300	2000	2300	2000	2300	2000
Emissions level	V	V	V	V	V	V
Travel drive	· Performance regulated, hydrostatic drive with load limit sensing control					
Speed in km/h	20	20	20	20	20	20
· Optional: km/h	30	30	30	30	30	30
· Optional: km/h (gearbox)	-	40	-	40	-	40
Cruise control function	No	No	Yes	Yes	Yes	Yes
FRAME AND SUSPENSION						
Steering type	Articulated steering					
Steering angle	+/- 40°					
Rear axle pendulum	+/- 10°					
Axles	Planetary rigid axle					
Differential lock 100%	VA+RA	FA	FA+RA	FA	FA	FA
Swing axle lock	Yes	Yes	No	No	Yes	Yes
Standard tyres	405/70-R20					
BRAKES						
Service brake	· Oil bath multi-disk brake acting on all 4 wheels · Additional braking function via inching and hydrostatic drive, acting on all 4 wheels · 40 km/h Version with 2-Circuit power brake					
Parking brake	Electro-hydraulic spring-loaded brake acting on all 4 wheels, automatically activated when the engine is not running and, in the case of 85 kW machines, additionally when the drivers seat is not in use.					
Starting aid	No	Yes	Optionally switchable			

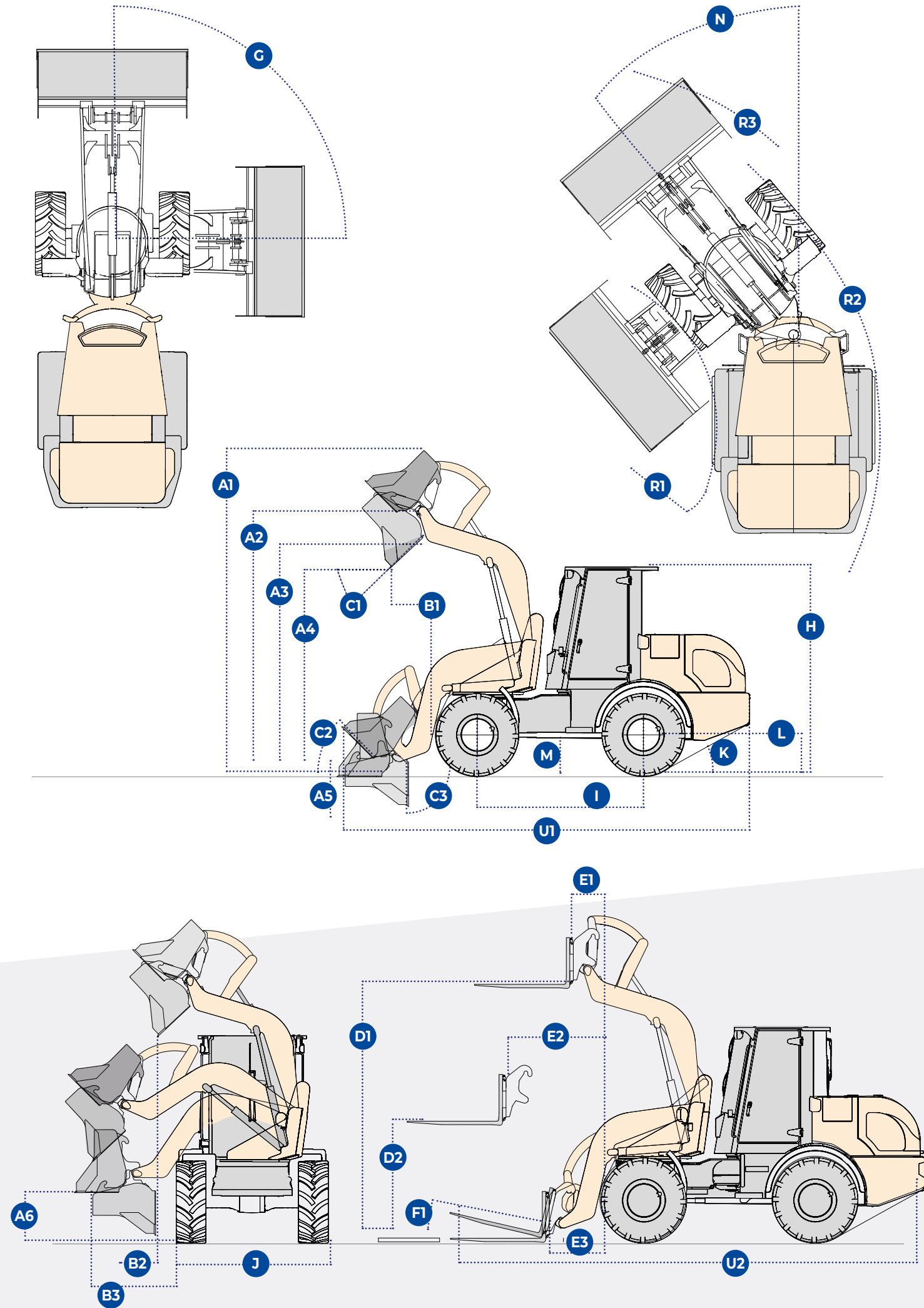
OPERATING DATA

OPERATING DATA	SWING LOADERS		TELESCOPIC WHEEL LOADERS		TELESCOPIC SWING LOADERS	
	SL 9075	SL 9088 Pro	TL 9065 Pro	TL 9078 Pro	TSL 9075 Pro	TSL 9088 Pro
Hydraulics	· Lifting, tipping and slewing cylinder, double-acting · Control unit with electro-hydraulic pilot control · Proportional, load-independent control circuit for quick-change unit and attachments · Paus multifunction Joystick for 1-lever cross-connection for lifting, tipping, (telescopic) and slewing cylinder · Actuation of slewing cylinder by turning-movement of the Joystick · Connectible float position · Auxiliary control circuit pressure relief					
Pump	ZRP	VP	ZRP	VP	ZRP	VP
Pressure in bar (max.)	200	200	210	210	210	210
Delivery rate in l/min (max.)	80	140	80	140	80	140
Standard auxiliary control circuit l/min (max.)	50	50	65	65	65	65
Auxiliary control circuit (optional) l/min (max.)	80	100 or 140	80	140	80	140
	Flow rate controlled by potentiometer			Flow rate adjustable via joystick, Quantity reducible via display		

OPERATING DATA	SWING LOADERS		TELESCOPIC WHEEL LOADERS		TELESCOPIC SWING LOADERS	
	SL 9075	SL 9088 Pro	TL 9065 Pro	TL 9078 Pro	TSL 9075 Pro	TSL 9088 Pro
Service weight in kg	6900	7500	6500	6750	7500	7600
Standard Bucket Volume m3	1	1,2	1	1	1	1
Tipping load straight in kg	3990	4975	3750	4350	4096	4610
Tipping load articulated in kg	3355	4180	3070	3520	3460	3865
Payload, 80% PAL (level ground)	2120	2880	See Load diagram			
Payload, 60% PAL (uneven ground)	1590	2160	See Load diagram			
Payload 90° 80% PAL	1680	2120	See Load diagram			
Payload 90° 60% PAL	1260	1590	See Load diagram			

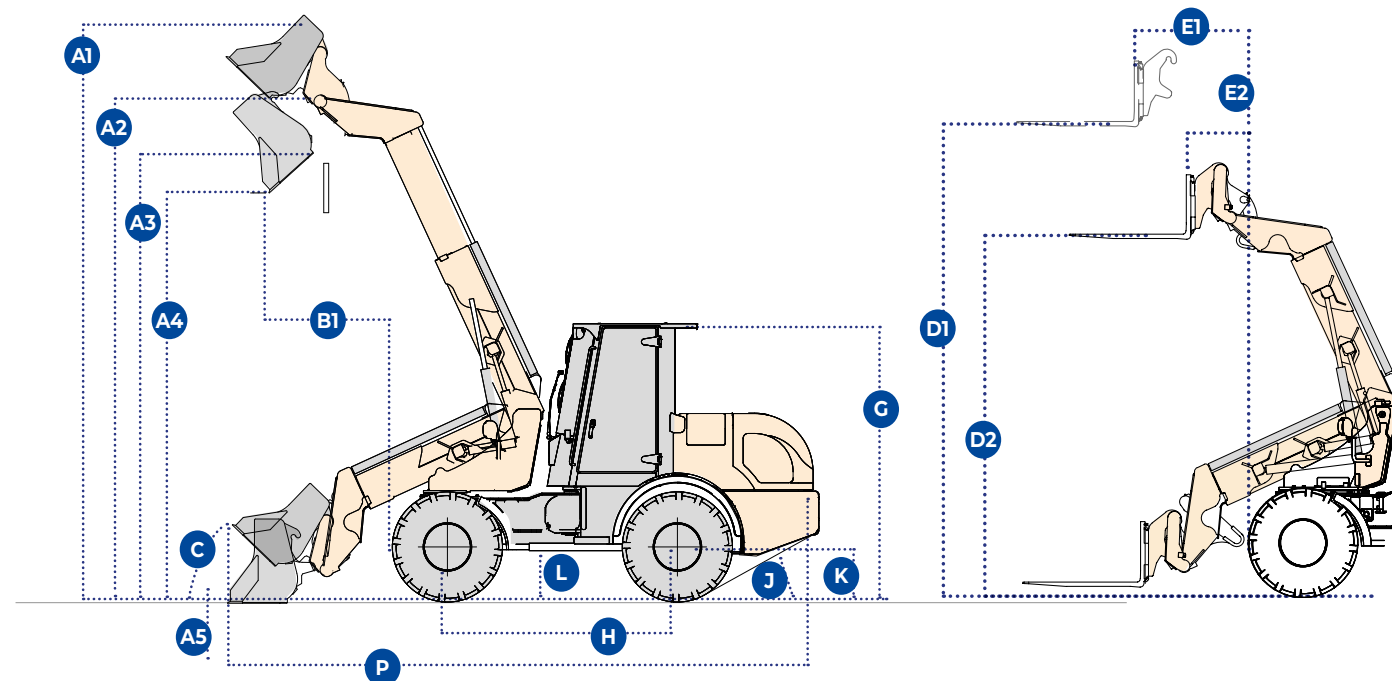
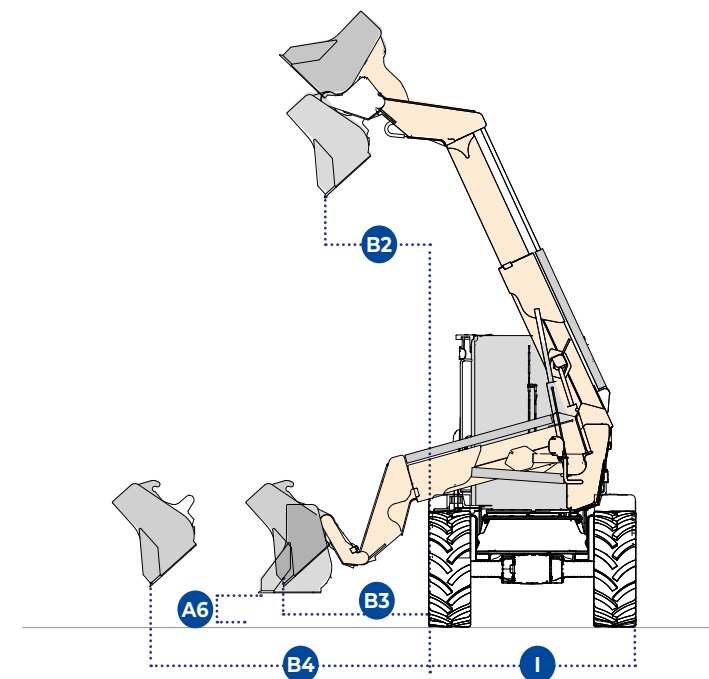
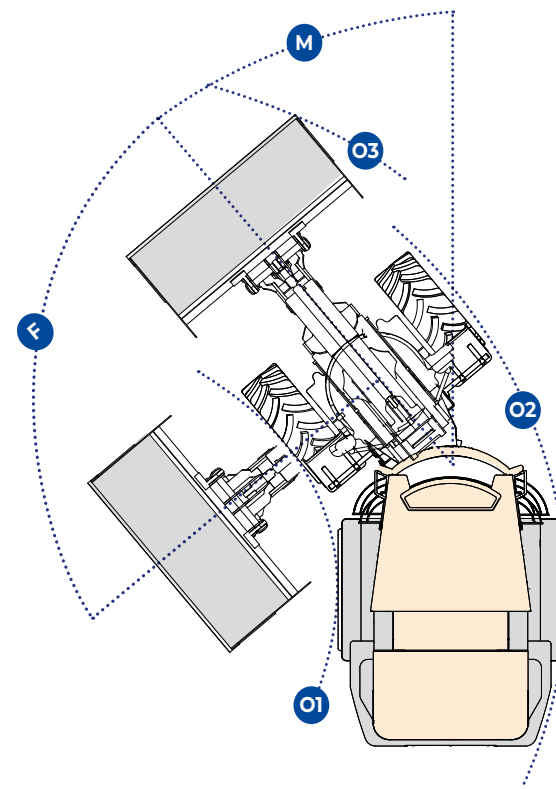
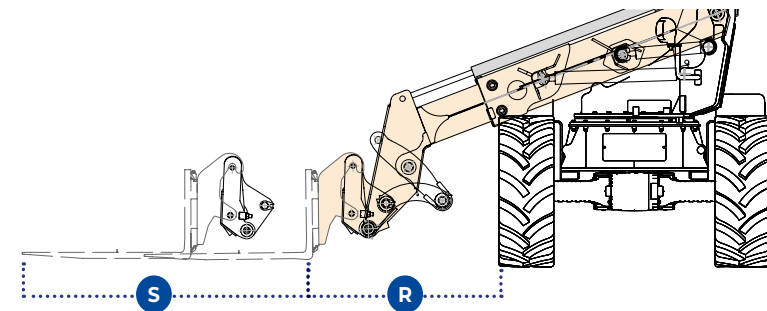
TECHNICAL DATA SL

DESCRIPTION	SWING LOADERS			
	Dimension	SL 9075	SL 9088 Pro	Unit
Max. overall height	A1	4330	4330	mm
Max. height attachment pin	A2	3510	3510	mm
Max dump height over drop side	A3	3030	3030	mm
Dumping Height	A4	2750	2750	mm
Digging Depth	A5	60	60	mm
Min. height of bucket base 90°	A6	550	550	mm
Dumping reach, upper	B1	715	625	mm
Dumping reach, upper 90°	B2	320	255	mm
Dumping reach, max. 90°	B3	1170	1125	mm
Dumping angle	C1	43	43	°
Filling angle	C2	45	45	°
Tip back angle	C3	90	90	°
Max. stacking height	D1	3320	3320	mm
Stacking height at max. stacking reach	D2	1515	1515	mm
Stacking width at top position	E1	536	456	mm
Maximum stacking width	E2	1415	1335	mm
Stack width at lowest position	E3	850	770	mm
Tilting angle/pallet fork	F	13	13	°
Swinging angle	G	90	90	°
Cab height	H	2750	2750	mm
Wheelbase	I	2145	2238	mm
Width over tires	J	1935	2065	mm
Slope angle	K	30	30	°
Static load radius	L	490	490	mm
Ground clearance	M	435	450	mm
Steering angle	N	40	40	°
Turning radius, inner	R1	1980	2135	mm
Turning radius, outer	R2	3980	4236	mm
Turning radius, outer, straight loading system	R3	4420	4745	mm
Total length	U1	5350	5500	mm
Total length/pallet fork	U2	6040	6210	mm

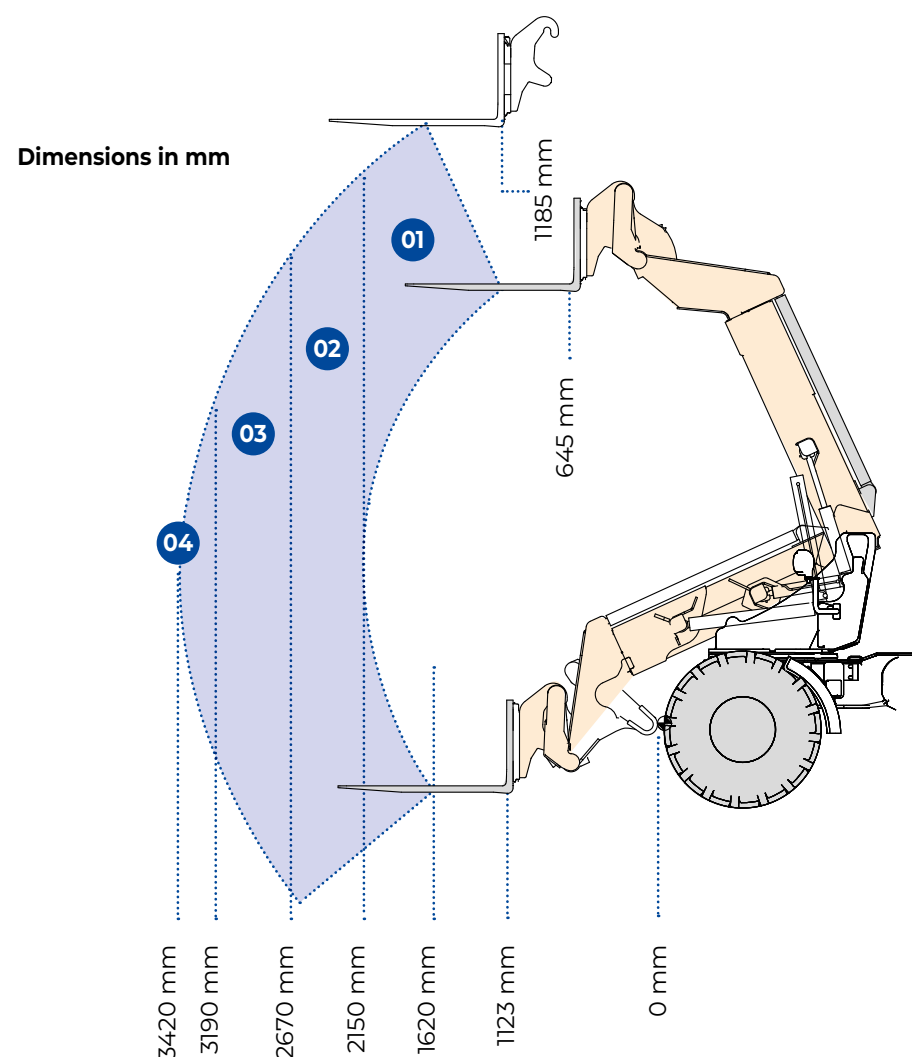


TECHNICAL DATA TL / TSL

DESCRIPTION	Dimension	TELESCOPIC WHEEL LOADERS		TELESCOPIC SWING LOADERS		Unit
		TL 9065 Pro	TL 9078 Pro	TSL 9075 Pro	TSL 9088 Pro	
Max. overall height	A1	5875	5875	5875	5875	mm
Max. height attachment pin	A2	5000	5000	5000	5000	mm
Max dump height over drop side	A3	4375	4375	4375	4375	mm
Dumping height	A4	4080	4080	4080	4080	mm
Undermining depth	A5	80	80	80	80	mm
Min. height of bucket base 90°	A6	-	-	260	260	mm
Dumping reach, upper	B1	1250	1250	1250	1250	mm
Dumping reach, upper 90°	B2	-	-	1000	1000	mm
Dumping reach, min. 90°	B3	-	-	1400	1400	mm
Dumping reach, max. 90°	B4			2700	2700	mm
Filling angle	C	44	44	44	44	°
Stacking height telescoped	D1	3360	3360	3360	3360	mm
Stacking height non-telescoped	D2	4830	4830	4830	4830	mm
Stacking width at top telescoped	E1	645	645	645	645	mm
Stacking width in top position non-telescoped	E2	1185	1185	1185	1185	mm
Swinging angle	F	-	-	90	90	°
Cab height	G	2750	2750	2750	2750	mm
Wheelbase	H	2330	2330	2330	2330	mm
Width over tires	I	2000	2000	2000	2000	mm
Slope angle	J	30	30	30	30	°
Static radius	K	490	490	490	490	mm
Ground clearance	L	440	440	440	440	mm
Steering angle	M	40	40	40	40	°
Turning radius, inner	O1	2160	2280	2160	2280	mm
Turning radius, outer	O2	4280	4370	4280	4370	mm
Turning radius, outer, straight loading system	O3	4730	4800	4730	4800	mm
Total length	P	5805	5940	5805	5940	mm
Centre of gravity	Q	500	500	500	500	mm
Lift parallel to the ground (rotated 90°) non-telescoped	R	-	-	900	900	mm
Lift parallel to the ground (rotated 90°) tele-scoped	S	-	-	1400	1400	mm



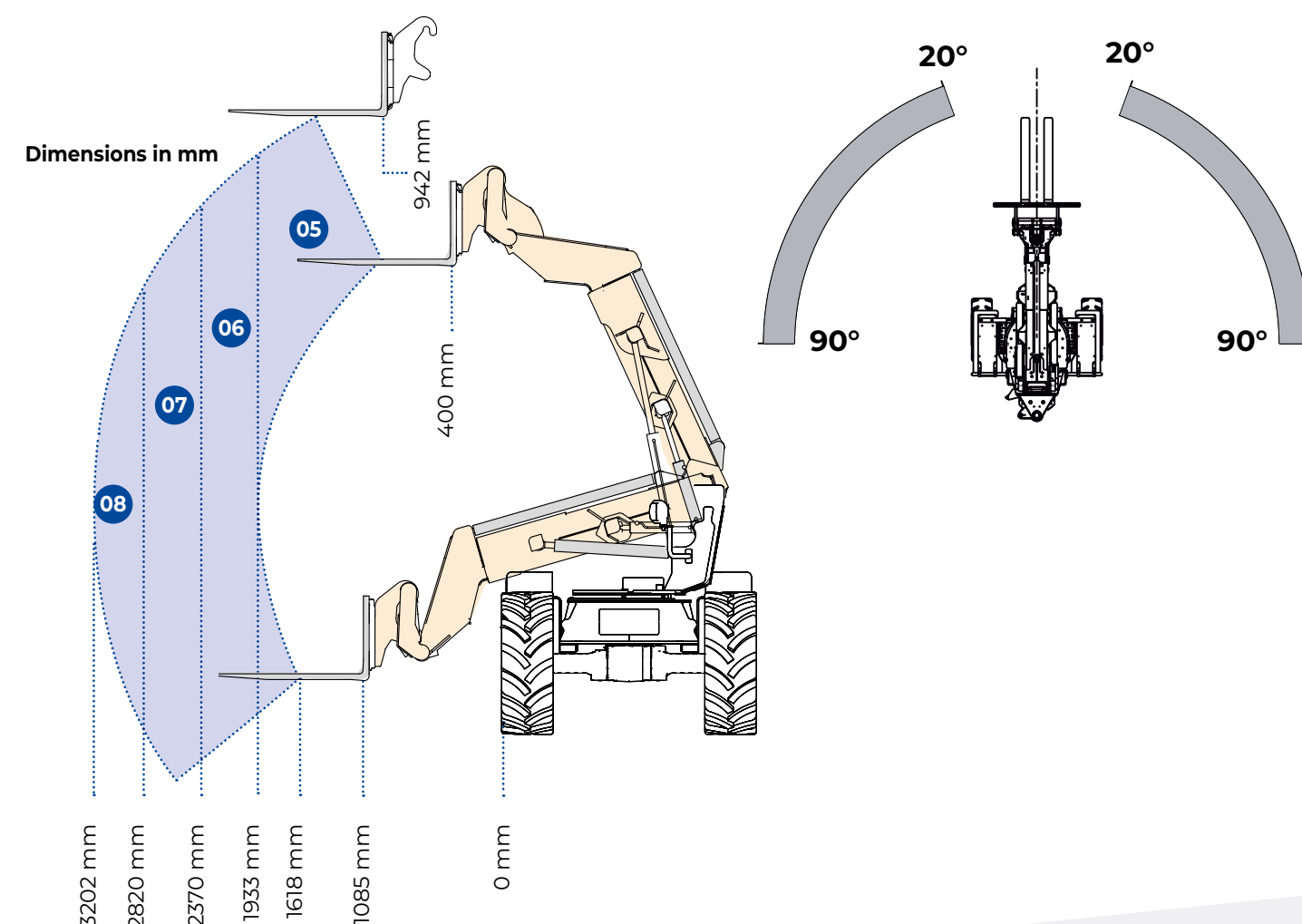
LOAD CAPACITY DIAGRAMS



Range	STRAIGHT LOADING POSITION (TSL + TL)				PAYLOAD EN-474-3 80 % IN KG			
	TSL 9075 Pro		TSL 9088 Pro		TL 9065 Pro		TL 9078 Pro	
	Steering articulated	Steering straight	Steering articulated	Steering straight	Steering articulated	Steering straight	Steering articulated	Steering straight
01	2160	2400	2450	2450	2016	2400	2450	2450
02	1750	2098	1990	2398	1583	1972	2019	2253
03	1540	1846	1750	2110	1393	1734	1776	1982
04	1280	1560	1440	1760	1120	1464	1474	1652

Payloads in kg according to EN-474-3 80 %, load centre of gravity 500 mm to fork back, valid swing angle range for „load system straight“ is a maximum of 20° from the center position of the TSL.

LOAD CAPACITY DIAGRAMS



Range	LOADING POSITION 90° (TSL)			
	TSL 9075 Pro		TSL 9088 Pro	
	Steering articulated	Steering straight	Steering articulated	Steering straight
05	1280	1440	1320	1520
06	935	1080	950	1167
07	790	914	805	988
08	600	720	600	800

Payloads in kg according to EN-474-3 80 %, load centre of gravity 500 mm to fork back.



We care

We inspire as a preferred, innovative partner with individual solutions for transport and safety of humans and material.

As a specialist for complete and special solutions Paus offers an extensive range of machines for mining and tunneling, lift technology and construction machinery since 1968.

Paus means „Quality Made in Germany“.

Our quality management is certified according to ISO 9001.



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