

# SZ Loader



Outstanding loading performance.

15 SZ · 30 SZ · 35 SZ · 50 SZ





- STEYR SZ loaders are the perfect match for your STEYR tractor.
- New “Z” levelling kinematics within liftarm profile.
- All models available with non-self levelling and mechanical self-levelling systems both with “+” plus functions.
- Neat STEYR design engineered to with front hitch.
- Industry-leading lifting performance and control.
- Full range of buckets and tools.
- Protected piping and modular hydraulic valve block.
- Easy to use with intuitive STEYR SZ fast docking system.
- Quick Turn\* lock-to-lock powered steering (available on Profi Series).



## STEYR SZ loaders. Precise, fast and easy.

Agricultural equipment engineered by STEYR is precision-made and satisfying to work with. Having been designed specifically for STEYR tractors STEYR SZ loaders are responsive, high-performance tools for boosting productivity.

If you order your STEYR tractor loader-ready, the mounting sub-frame and hydraulic valve and piping are installed on the assembly line when the tractor is built. These loaders can also be retro-fitted to provide you with a durable and versatile implement matched to the performance of your STEYR tractor.

**STEYR SZ comfort.** Excellent visibility and ergonomics are guaranteed with STEYR SZ loaders. The loader joystick is integrated into the cab's array of controls within comfortable reach of the operator. New "Z" levelling kinematics within liftarm profile, protected piping, a modular hydraulic valve block plus a cab roof window ensure excellent visibility.

**STEYR SZ power.** STEYR SZ loaders have been designed with the latest CAD systems and welded using robotics to the highest specifications from fine-grained, lightweight, high tensile strength crane steel. Loader arm geometry and hydraulics are matched optimally to STEYR tractors giving you the power to lift 2.8 tonnes with the 50 SZ, for example.

**STEYR SZ versatility.** Mechanical and hydraulic connections on STEYR SZ loaders are easy to operate quickly and safely. Attaching and detaching the loader take literally a matter of seconds with the fast docking system. With a wide range of STEYR buckets, grabbers and forks available you can take on every possible handling job on the farm.

**STEYR SZ choice.** There are four STEYR SZ loader models to choose from, ranging from the 15 SZ with a lifting capacity of 2540 kg and height of 3740 mm, to the 50 SZ with a lifting capacity of 2800 kg and height of 4260 mm. All four are available with non-self-levelling and mechanical-self-levelling systems. Farming professionals can choose precisely the right SZ loader for their requirements.

\*) to comply with legislation and specification in your country

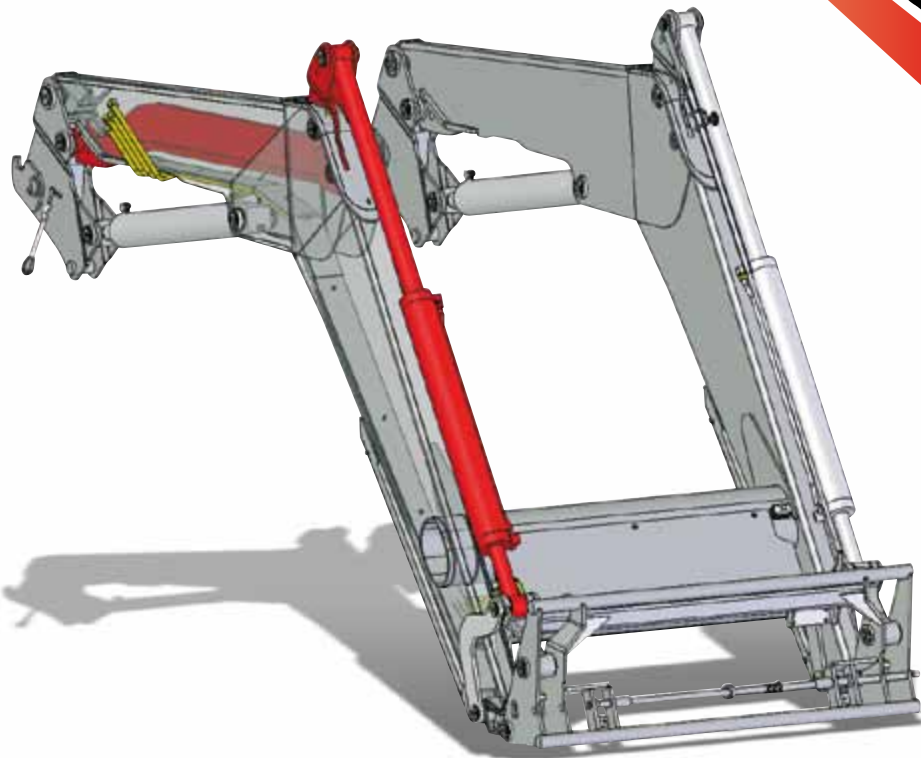
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Loader



# Z-Kinematik



Z-Kinematik for the new STEYR SZ loader.

Unobstructed view for the tractor-driver.



- Z- Kinematik
- Excellent visibility to the loading-material and the driveway

- Outstanding loading performance
- Compact combination of loader and tractor

- Better centre of mass
- Highest rigidity
- Steyr SZ loader made of fine grain steel

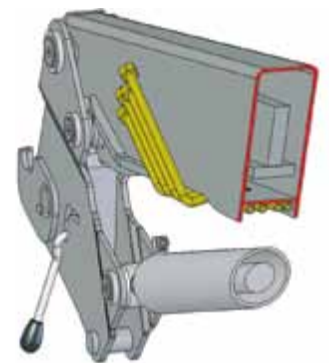
# Z-Kinematik

## The intelligent, technical solution for optimum view.

Z-Kinematik is the innovation, which you can expect from a new SZ front loader. Mechanical selflevelling in addition with Z-Kinematik was available before, but the positioning of the control rod inside the rear lift-arm pillar is a skilfully, creative solution, and develops until now not known comfort concerning better view during loader-work and also regarding the construction of the loader.

**Z-Kinematik.** This new concept now acquires the operation-job, which could be realized only with hydraulic guided selflevelling-loaders. Caused by this distinctive construction – none upper-located control-rods – you will get benefit by better visibility to the loading-material and the driveway, to the front and to the side – this ensures a secured and fast loading-job. Furthermore the Z-Kinematik provides a high performance regarding lifting-capacity. The achieved results you can rely on. You will be most excited from this enormously powerful front loader.

**Outstanding loading performance by compact combination of tractor and loader.** The design of the Z-Kinematik with the control rods inside the rear liftarms works positive for the ideal positioning of loader to tractor. By the absence of an overhead control rod the loader is placeable closer to cabin, so the front axle load is reduced. Your tractor will award this with lower wear and higher durability.

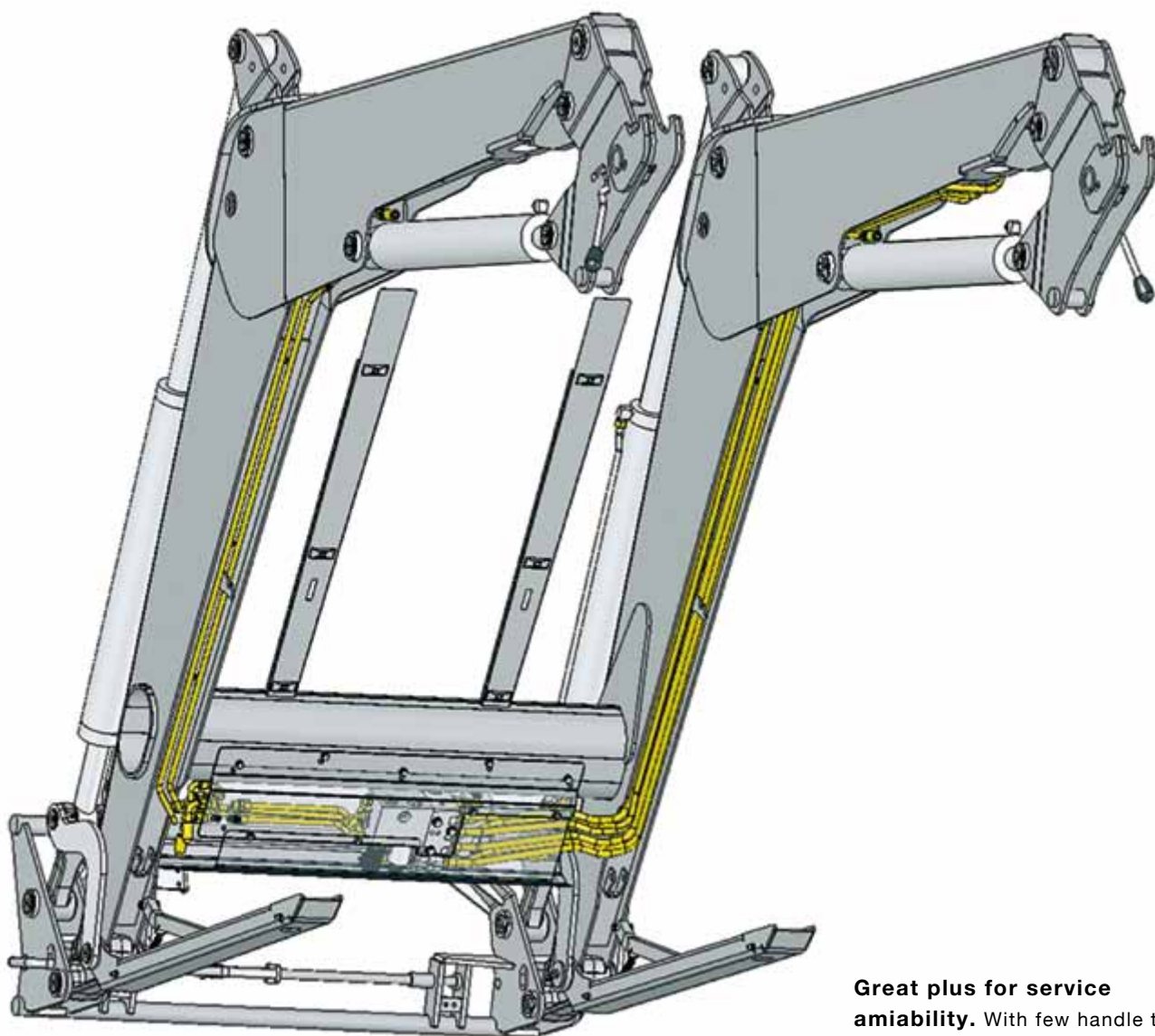


**Novel U-pillar-profile with bridge.** The sheet of pillar is bended of a piece and stabilized by a bridge sheet shifted inwardly. In the opening the inboard control rod is placed – in the open downward part lay, hid invisible, all hydraulic pipes.

**A loader you can rely on at all times.** All loaders are made of fine-grained, highest quality steel. Fine-grained steel gives the front loader rocker the enormous stability and robustness, which you can expect from a loader of this quality. Hence STEYR still uses fine-grained steel for the SZ series. The design of interleaved liftarms ensures highest rigidity especially by additional strengthening the overlapping zone with a thick flange-like part.







**Great plus for service amiability.** With few handle the cover plate guard is demounted and all hydraulic pipes are easily accessible.



**Plane interior.** Hydraulic pipes are placed underneath the pillars to avoid damaging or even breaking it away.



**Parking space.** STEYR kept everything in mind – when you park your loader, you can safely fix the hydraulic tubes, the Hydro-Fix and electric powered plug in a designated carrier.



- Protected hydraulic pipes run invisible
- Central hydraulic device

- A 3rd and 4th remote\* can be provided for implement function (bale grabber etc.)

- Comfort Drive - Loader arm suspension for a smooth ride

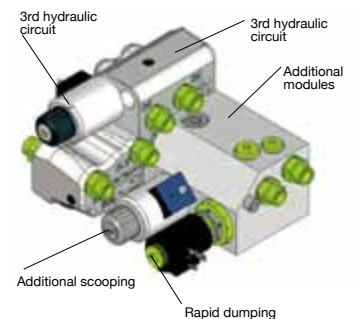
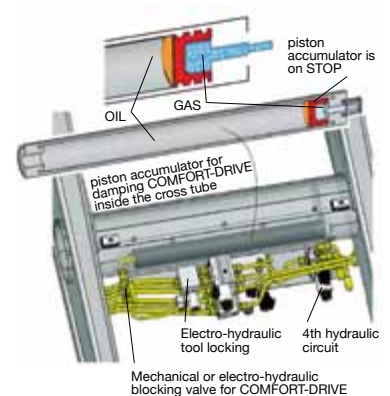
# STEYR SZ – smart solutions in detail.

With the new STEYR SZ loaders nearly everything is entirely new designed or upgraded in detail. Hydraulic pipes run invisible, but always accessible and the central hydraulic block is placed behind the cross-tube.

**Masked run hydraulic pipes.** To run the metal pipes in protected spaces underneath the liftarm is just ingenious, logical and fair for practice because of several reasons. A demountable guard covers the pipes against damaging and not just of optical reasons. STEYR just deserves a great advantage for this solution, because all pipes, especially connections and fittings, remain accessible at all times and at less operating expense.

**Central hydraulic device – compact unit.** The central hydraulic block with additional modules is compactly placed at the supposable best place behind the cross-tube. Here it barely obstructs forward view to tool and goods. The whole hydraulics is masked by a rigid cover sheet against dirt and damaging. A double-action pressure limiting valve (DBV), which response at 210 bars, secures the tool cylinders against overload at heavy duty loading jobs.

**COMFORT-DRIVE - a new solution for the damping system.** The overpressure-sensitive rubber-membrane-accumulators are replaced by a nearly indestructible piston accumulator. This is integrated in the sized dimensioned cross-tube. At maximum load the piston accumulator runs on a stopper and is therefore insensitive against destroying. With big volume of about 1 l and a low charging pressure this system already damps at small loads. Furthermore the piston accumulator can be charged for higher pressure by appropriate specialist dealers.



The 3rd control circuit\* is prepared in central hydraulic block.

\*) to comply with legislation and specification in your country.



**HYDRO-Fix\* for tools on quick release frames.** The functionality is optimised by better accessibility, handling direction with lower expenditure of energy and optimal tube feeding and moving.

**STEYR Quick Turn\*** for effortless turnarounds. (available on Profi Series)



### **Fast docking system.**

- 1) Drive tractor between loader arms
- 2) Connect up hydraulics/electrics
- 3) Lift to engage hooks
- 4) Lock together on both sides
- 5) Fold up self-adjusting stands
- 6) Done!



- Fast docking system
- STEYR Quick Turn\*  
for effortless turnarounds  
(available on Profi Series)

- HYDRO-FIX\* - hydraulic  
quick coupler for tools
- Loader joystick  
ergonomically placed

- Choice of Non-selflevelling or  
mechanical-selflevelling function
- 24° additional scooping
- Rapid dumping\*

# STEYR SZ loaders. The intelligent, technical solution.

**Fast docking system.** Just drive the tractor between the STEYR SZ loader arms and the couplings slip smoothly into the solid drop forged attachment hooks. Link up the hydraulic and electric systems using a single lever-action manifold. Attaching and detaching the loader takes a matter of seconds with the STEYR SZ Fast docking system – no tools required.

**STEYR Quick Turn\* for effortless turnarounds.** Forwards or reverse, as you change direction you just press your thumb on the ring inside the steering wheel and make a slight movement in either direction, and the front wheels power their way to full lock. Just imagine what a difference Quick Turn makes reversing in and out while doing chores with the loader.

(Available on Profi Series)

\*) to comply with legislation and specification in your country.



**Loader joystick** is close at hand, integrated into the ergonomic layout of the cab controls.

(Picture shows the Profi Series).

**The right choice for profis.** All models of STEYR SZ loader are available with two different levelling systems, to match any possible need.

**Non self-levelling.**  
Robust and easy to operate.

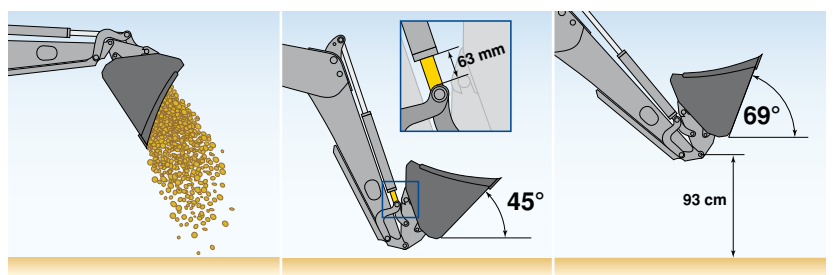
**Mechanical selflevelling system.** Outstanding lifting capabilities.



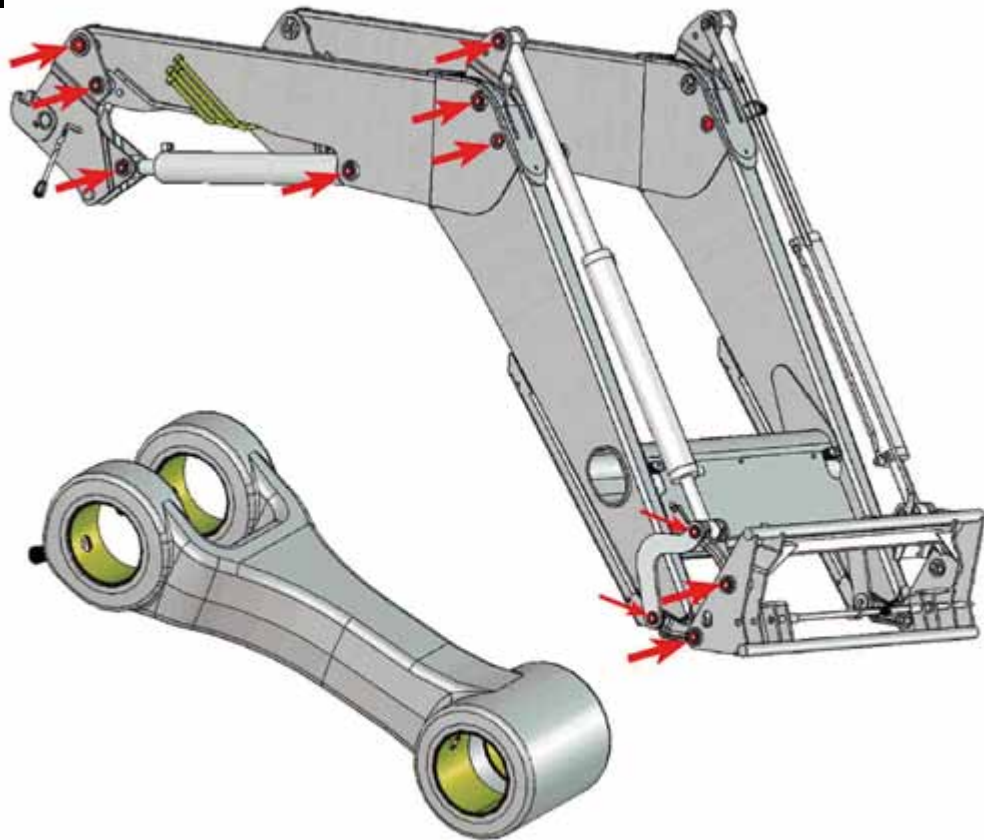
## The “+” plus functions.

Rapid dumping for a quick bucket discharge with NS and MS loaders.

+24° additional scooping for high loading performance with MS loaders.



1



1) **Comfortable lubrication.**

The service is also very easy. With DX-composite bushes at all pivots long lubrication periods persist and in addition all grease fittings are positioned in a way that these are comfortably accessible.

2) STEYR products with customized finance packages, leasing and rental programs through CNH Capital.

3) The STEYR spare-parts service: guarantee a longer working life and a high re-sale value for your unit. STEYR parts can be supplied through the dealer network within 24 hours.

4) MAX - the new premium service. Just call the free number 00800 7839 7000 and MAX will take care of your issue.

5) STEYR sales team: will be happy to advise on the individual performance and safe operation of your STEYR tractor.



2



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**CNH CAPITAL**



4

**MAX SERVICE**

00800 7839 7000  
00800 STEYR 000

**STEYR**  
BETTER TRACTORS.



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## Specifications

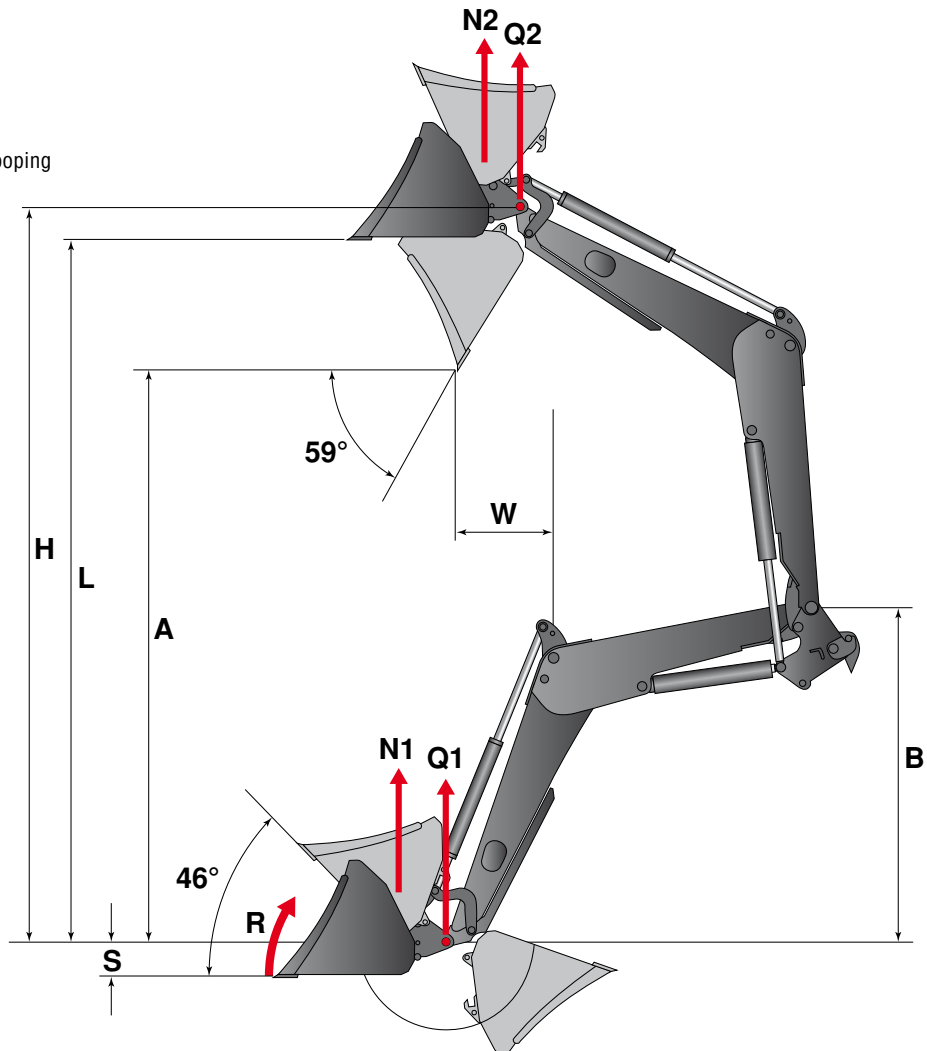
	15 SZ	30 SZ	35 SZ	50 SZ
<b>Q1</b> Max. lift capacity at lower arm pivot point [kg]	2540	2300	2640	2800
<b>Q2</b> Max. lift capacity at upper arm pivot point [kg]	1900	1760	2030	2280
<b>N1*</b> Payload lower arrow - NS/NS+ / MS/MS+ [kg]	2170 / 2540	1990 / 2300	2280 / 2640	2460 / 2800
<b>N2*</b> Payload upper arrow - NS/NS+ / MS/MS+ [kg]	1590 / 1900	1500 / 1760	1720 / 2030	1930 / 2280
<b>R</b> Max. break-open force bucket edge - NS/NS+ / MS/MS+ [kg]	2170 / 2600	2390 / 2600	2390 / 2850	2390 / 3400
Weight without tool and attached parts - NS/NS+ / MS/MS+ [kg]	425 / 475	470 / 540	480 / 550	540 / 680
<b>H</b> Max. height at pivot [mm]	3740	4070	4070	4260
<b>L</b> Loading height edge blade parallel [mm]	3530	3860	3860	4050
<b>A</b> Loading height edge blade tilted [mm]	2690	3010	3010	3210
<b>B</b> Loader height [mm]	1780	1930	1930	1930
<b>W</b> Reach, bucket tilted [mm]	700	785	785	785
<b>S</b> Digging depth [mm]	210	210	210	210
Min. tractor power [kW/hp(CV)]	51 / 70	66 / 90	66 / 90	88 / 120
Max. tractor power [kW/hp(CV)]	81 / 110	88 / 120	103 / 140	132 / 180
	15 SZ	30 SZ	35 SZ	50 SZ

## Recommendations

	Models	15 SZ	30 SZ	35 SZ	50 SZ
	9085MT	●	○	-	-
	9095MT	●	○	-	-
	9105MT	○	●	-	-
	4110 Profi	●	○	-	-
	4120 Profi	●	○	-	-
	4130 Profi	○	●	-	-
	6115 Profi	-	●	○	-
	6125 Profi	-	○	●	-
	6140 Profi	-	-	○	●
		15 SZ	30 SZ	35 SZ	50 SZ

All models are available in 4 versions:

- **NS** - No self-levelling.
- **NS+** - NS loader with quick dump
- **MS** - Mechanical self-levelling.
- **MS+** - MS loader with quick dump & active rescooping



Safety first. Before using the equipment please read the operating instructions and ensure that all controls function correctly. Pay special attention to the signs and notices and use the safety appliances fitted for your personal safety. This brochure has been published for international circulation. The availability of individual models and standard/optional equipment may vary from one country to the next. STEYR reserves the right to undertake modifications without prior notice to the design and technical equipment at all times without this resulting in any obligation whatsoever to make such modifications to units already sold.

Whilst every effort is made to ensure that the specifications, descriptions and illustrations in this brochure are correct at the time of going to press, these are also subject to change without prior notice. Illustrations may show optional equipment or may not show all standard equipment.

TP01 / SM / 05.12/ Printed in Austria – Cod. n. 9S0001/COM – [www.steyr-traktoren.com](http://www.steyr-traktoren.com)

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