

PC1 - PC2 - PC3 - PC4

mechanical self-levelling system



The PC Series loaders have been developed specifically for use on small tractors.

Compact, lightweight and user-friendly, the PC loaders share the same quality of construction as the rest of the Sigma 4 range, ensuring their high strength and reliability.

Loader with implement mechanical self-levelling system

- Support frame from the front to the rear axle shafts
- Hydraulic system in relation to tractor characteristics

Standard equipment

- Two double-acting cylinders for lifting
- Two double-acting cylinders for operating the implement
- Unhitching of the loader via 2 side pins
- COMPACT tool carrier
- PUSH/PULL quick-couplings
- Adjustable support feet

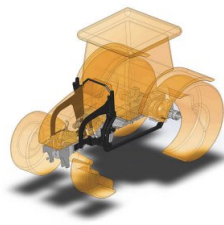


Main features



Boom section

The boom section is composed externally by a single metal sheet and internally by two "C" section bars. This industrially adopted solution provides the boom with high strength combined with remarkable lightness.



Subframes

The Sigma 4 subframes are formed by connecting the tractor at three points, guaranteeing unsurpassed robustness and solidity. Their fish-belly beam provides a uniform load distribution at every point. Each tractor model has its own specific subframe that adapts perfectly to its contour.



Joystick: TC Basic

The TC Basic joystick is supplied as standard with all mechanical distributors and controls the hydraulic lines for loader lifting and implement movement. Its shape has been carefully developed by Sigma 4 to offer maximum comfort under all conditions of use, no matter where in the driving area it is installed.

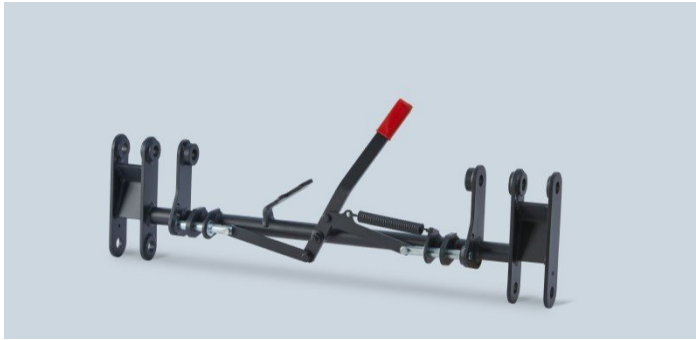


Support feet

The support feet, equipped with fine adjustment system for the CHROME, IRON and TITANIUM models, can be singularly adapted to ensure maximum safety and adaptability during parking manoeuvres on all types of grounds, even the most uneven. During normal operations, the feet are locked inside the loader boom, so that they do not interfere with the front tractor wheels.

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COMPACT attachment

Designed to allow easy and fast hitching and unhitching of implements. To be used only with implements specific for PC models.

Optional

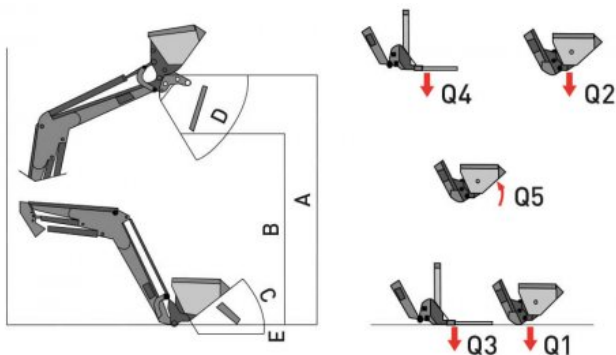


Joystick: TC PROFI

(2 buttons)

The TC Profi joystick is equipped with two buttons on the back of the joystick and is supplied together with systems with mechanical distributors equipped with third or third and fourth hydraulic line.

Technical drawings



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Technical data sheet

Lifting force at 180 Bar

			PC1	PC2	PC3	PC4
With bucket on the ground 300 mm from the pivot point	Q1		650	650	650	650
With bucket at maximum height 300 mm from the pivot point	Q2		700	700	700	700
With fork on the ground 600 mm from the pivot point	Q3		650	650	650	650
With fork at maximum height 600 mm from the pivot point	Q4		700	700	700	700

Maximum lift height

			PC1	PC2	PC3	PC4
At pivot point	A		2200	2550	2550	2700
Under bucket level	B		1500	1800	1800	1920

Angle

			PC1	PC2	PC3	PC4
Maximum rollback angle at ground (bucket)	C	Degrees	45	45	45	45
Maximum dump angle (bucket)	D	Degrees	85	85	85	85

Digging depth

			PC1	PC2	PC3	PC4
Digging depth	E		130	80	80	140

Working time with oil flow rate of 40 l/min

			PC1	PC2	PC3	PC4
Lifting time to maximum height		Seconds	5	5	5	5
Bucket dumping time		Seconds	4	4	4	4

Weight

			PC1	PC2	PC3	PC4
Without implement and without tractor subframes			170	180	180	205

Power

			PC1	PC2	PC3	PC4
Of tractor			45-85	45-85	45-85	45-85
Of tractor			30-60	30-60	30-60	30-60

N.B. Technical data and images are indicative and not binding, as they may also vary depending on the type of tractor equipped