

PC 050 / 055

manual levelling



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 manual implement levelling

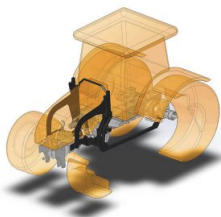
- Support frame from the front to the rear axle shafts
- Hydraulic system in relation to tractor characteristics

Standard equipment

- Two double-acting cylinders for lifting
- Two double-acting cylinders for operating the implement
- Quick release of the loader via 2 side pins
- Integrated earth bucket
- PUSH/PULL quick-couplings
- Adjustable support feet



Main features



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.



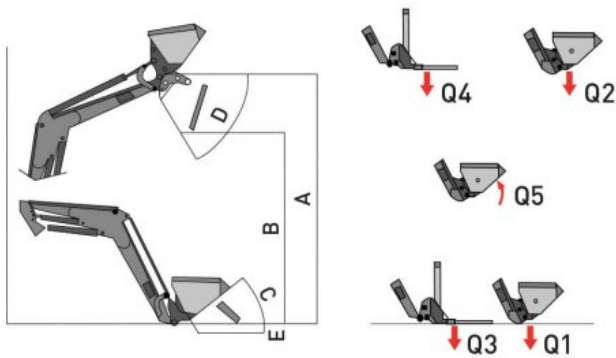
PC050 earth bucket

Earth bucket specially created for PC050 series front loaders. It is part of the standard equipment of the PC050 loader, and is attached directly to the front loader.

Technical drawings

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Technical data sheet

Lifting force at 100 Bar

			PC050	PC055
with earth bucket			300	300
breakout force at the tine			400	300

Maximum input pressure

			PC050	PC055
Maximum input pressure			100	100

Maximum lift height

			PC050	PC055
At pivot point	A		2170	2240
Under bucket level	B		1725	1805

Angle

			PC050	PC055
Maximum rollback angle at ground (bucket)	C	Degrees	43	40
Maximum dump angle (bucket)	D	Degrees	46	48

Digging depth

			PC050	PC055
Digging depth	E		35	150

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Working time

			PC050	PC055
Lifting time to maximum height		Seconds	5	5
Bucket dumping time		Seconds	4	4

Weight

			PC050	PC055
Without implement and without tractor subframes			80	100

Power

			PC050	PC055
Of tractor			20-30	20-40
Of tractor			14-22	14-29

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