

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

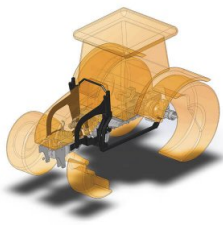
- Support frame from the front to the rear axle shafts
- Hydraulic system in relation to tractor characteristics

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.



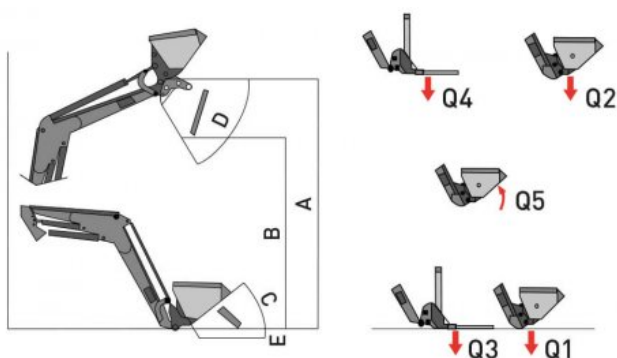
PC050 earth bucket

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