

Complete verge maintenance starts with the Herder Musketier



MUSKETIER



Expand your horizons with the Musketier from Herder

Herder has specially developed the Musketier for verge maintenance. A powerful and manoeuvrable machine which is suitable for lighter tractors. The mowing arm is, just as by the larger Herder models, mid-mounted onto the side of the tractor which gives best results. A machine which is cost effective, which always guarantees the best mowing result and, with the standard mounted Nivotronic system, provides that the machinist can work in an ergonomically responsible manner. With the Musketier from Herder you can only expand and push your limits.



Mowing slopes, the Musketier can work all angles.



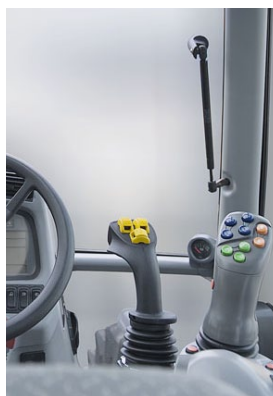
The finest mowing pattern in the verge.

Smart operation makes for easy working



Operating lever and control panel are ergonomically positioned.

Working with the Musketier feels natural and logical. It is with only one joystick that all the functions from the load-sensing pump of the tractor are operated. If you opt for a machine with a sliding boom, the operation thereof is fully integrated. The Nivotronic control can then, as required, be switched between the lifting function or the sliding function.



In each tractor Herder always opts for the most ergonomic workspace for the machinist.



The joystick provides for a precise operating of the booms. During mowing, Nivotronic provides for the following of the terrain contour.

The maximum result with the minimum of effort



Stabilising cylinder for fixed front axle increases the stability.



Pivot 'rotary cylinder' for smaller construction.



Special hydraulic tank at the rear ensures that the upper tow bar remains accessible for a trailer.

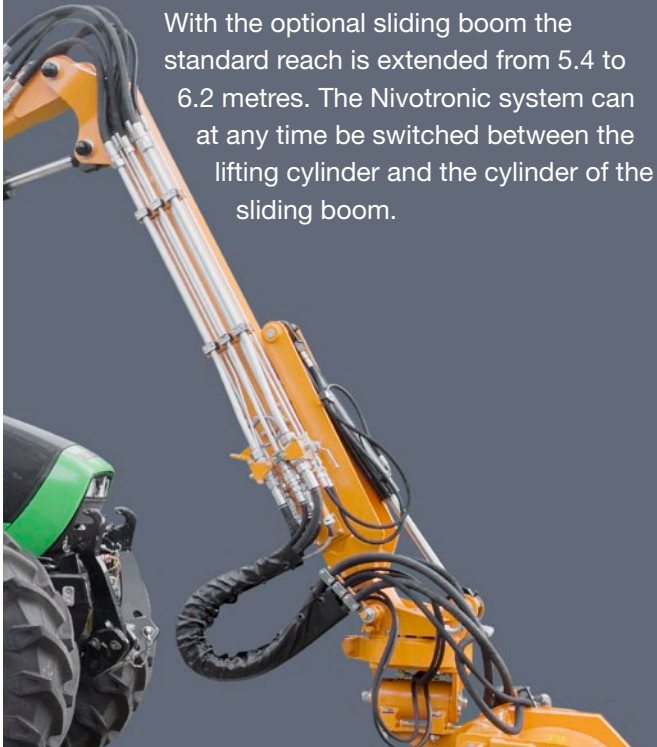


The Musketier is standard delivered with a flail mower which leaves behind a good mowing pattern. But it is also a mower which enables the machinist to perform maximally with the minimum effort. The flail mower is standard equipped with Nivotronic. This revolutionary system changes the flail mower into a self-controlling mower. By means of various sensors in a well thought-out construction, the course of the terrain is measured through which the machine corrects itself. Nivotronic also has several functions that support the machinist, such as a control which ensures that the mower remains parallel during the slewing of the boom. The damage to trees and street furniture is of course also limited due to this control.

Rotation head with hydraulically driven worm wheel 180° and hydraulic rod of 2 x 60° by means of a rotary cylinder. With this, the mower can be positioned at nearly all angles or work positions.

Expand your possibilities

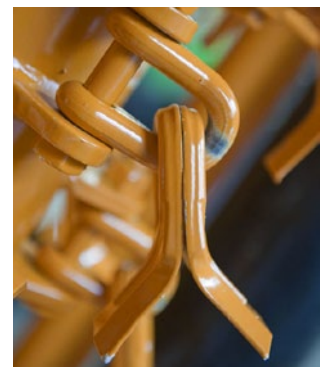
With the optional sliding boom the standard reach is extended from 5.4 to 6.2 metres. The Nivotronic system can at any time be switched between the lifting cylinder and the cylinder of the sliding boom.



Details - Nivotronic system

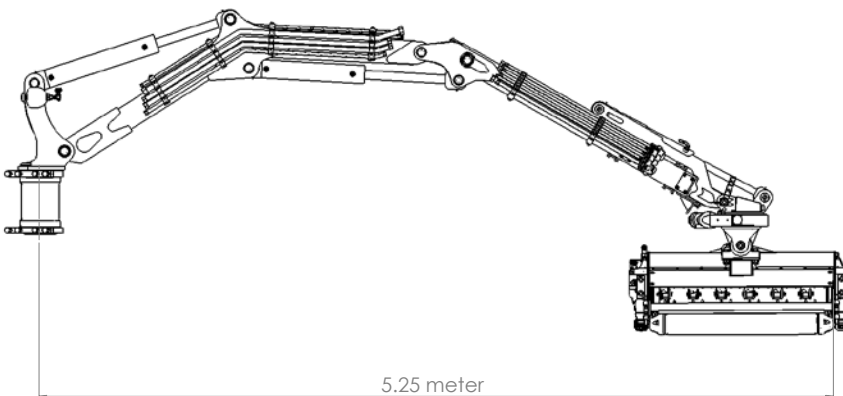


The flail mower is standard equipped with 'Y' flails and can, if required, be equipped with '40x12' flails.



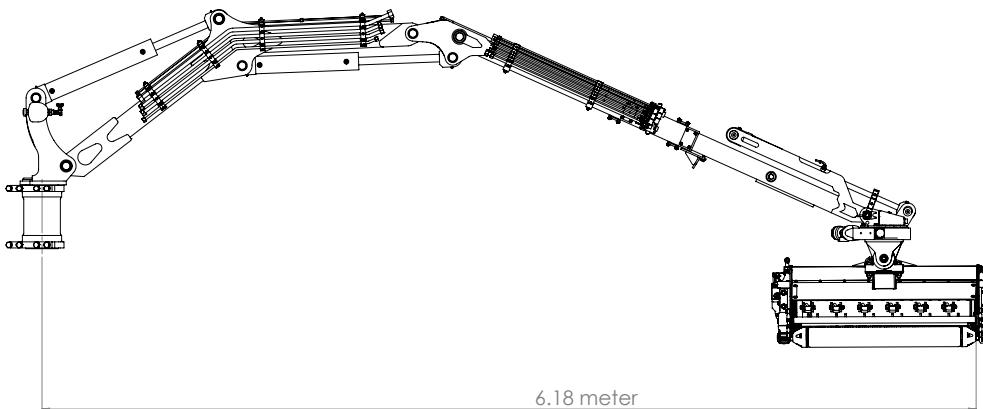
TECHNICAL SPECIFICATIONS

Required tractor power	Minimally 75 kW at 750 rpm PTO shaft
Required PTO (<i>power take-off</i>)	750 rpm
Pump for flail mower	60 L/min max. 350 Bar
Rotor speed	2000 rpm
Required oil - LS pump tractor (<i>boom operation</i>)	60 L/min at 200 Bar
Working radius, measured from slewing pivot (<i>standard</i>)	Max. 5.4 metres
Working radius, measured from slewing pivot (<i>optional sliding boom</i>)	Max. 6.2 metres
Machine weight (<i>incl. flail mower and mounting frame</i>)	approx. 5350 kg (<i>actual weight may vary dependent on tractor type and selected options [sliding boom]</i>)



Working radius with sliding boom slid in.*

Working radius of 'Musketier'
 Boom 1: Standard
 Boom 2: Standard slide (1m)
 Mowing width of mower: 1.2 m



Working radius with sliding boom extended slid out.*

* Measured from the centre of the slewing pivot up to the flail mower exterior.



You will achieve more with Herder

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