



AHWI
HYDRAULIC
MULCHERS



Pinotti

M450h

The M450 is a lightweight mulcher for universal use with skid steer loaders in the power range of 80–130 hp.

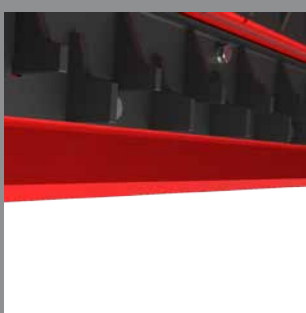
Benefits for you

- + Extremely lightweight
- + Reduced power requirement
- + Simple handling



Rotor blocking protection

The three-stage counter blades prevent large objects infiltrating and blocking the rotor.



Two-stage counter blades

The two-stage counter blades reduce the power requirement and increase the shredding quality. (Optional)



Centre of gravity

As the mulcher is arranged in an upright position, the centre of gravity is very close to the carrier vehicle.



Variable displacement motor

The 80 cc motor with high-pressure variable displacement allows individual adjustment with maximum torque.

WORKING WIDTH IN [MM]	63 [1600]	71 [1900]
Power range hp	80-130	80-130
Volume flow l/gpm [l/min]	17-35 [80-160]	17-35 [80-160]
Total width in [mm]	71 [1900]	87 [2100]
Weight* lb [kg]	2180 [990]	2535 [1150]
Tools quantity	42xUPTs / 32xBCS	50xUPTs / 40xBCS
Belt transmission (grooves)	3 (1x)	3 (1x)

Changes due to technical improvements reserved.

*Weight information refers to the configuration without push bar and without counter blades installed on the flap.



M450h



The M450 is a lightweight mulcher for universal use with snow groomers in the power ranges 80–130 hp and 120–220 hp.

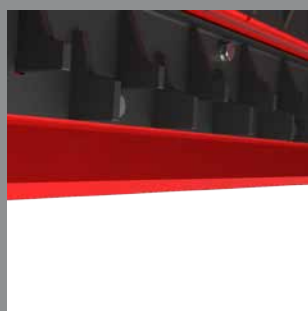
Benefits for you

- + Extremely lightweight
- + Reduced power requirement
- + Simple handling



Rotor blocking protection

The three-stage counter blades prevent large objects infiltrating and blocking the rotor.



Two-stage counter blades

The two-stage counter blades reduce the power requirement and increase the shredding quality. (Optional)



Centre of gravity

As the mulcher is arranged in an upright position, the centre of gravity is very close to the carrier vehicle.



Variable displacement motor

The 80 cc motor with high-pressure variable displacement allows individual adjustment with maximum torque.

WORKING WIDTH IN [MM]	106 [2700]
------------------------------	------------

Power range hp	120-220
-----------------------	---------

Volume flow l/gpm [l/min]	26-57 [120-260]
----------------------------------	-----------------

Total width in [mm]	118 [3000]
----------------------------	------------

Weight* lb [kg]	3483 [1580]
------------------------	-------------

Tools quantity	56xBCS
-----------------------	--------

Belt transmission (grooves)	3 (2x)
------------------------------------	--------

Changes due to technical improvements reserved.

*Weight information refers to the configuration without push bar and without counter blades installed on the flap.

M550h



The M550 is a mulcher for medium-heavy applications with a rotor diameter of 21.6 in (550mm). It is suitable for hydraulic carrier vehicles with 150 to 300 HP.

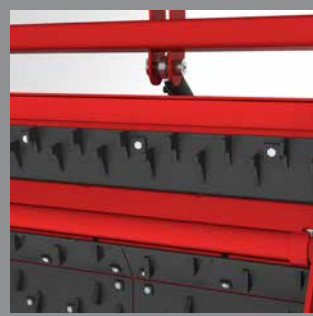
Benefits for you

- + Protected hydraulic hoses
- + Reduced power demand
- + Easy to use



Body lining

Highly wear-resistant steel with counter blades reduces wear and tear and shreds the material more finely.



Two-stage counter blades

The offset blade arrangement requires less power and increases the shredding quality. (Optional)



Flexible linkage

A universal flat face allows to install the mulcher to a very wide range of hydraulic carrier vehicles.



Variable displacement motor

The 80 cc motor with high-pressure variable displacement allows individual adjustment with maximum torque. (107 cc possible)

WORKING WIDTH IN [MM]	2110	2410
Power range hp	100-300	100-300
Volume flow l/gpm [l/min]	80 [300]	80 [300]
Total width in [mm]	98 [2500]	110 [2800]
Weight* lb [kg]	4520 [2050]	5511 [2200]
Tools quantity	48xUPTs	60xUPTs
Belt transmission (grooves)	4 (2x)	4 (2x)

Changes due to technical improvements reserved.

*Weight information refers to the configuration without push bar and without counter blades installed on the flap.

M650h



The M650 is a mulcher for medium-heavy applications with a rotor diameter of 25.6 in (650mm). It is suitable for hydraulic carrier vehicles with 200 to 450 HP.

Benefits for you

- + Protected hydraulic hoses
- + Reduced power demand
- + Easy to use



Body lining

Highly wear-resistant steel with counter blades reduces wear and tear and shreds the material more finely.



Two-stage counter blades

The two stage blade arrangement requires less power and increases the shredding quality. (Optional)



Flexible linkage

A universal flat face adapter can be mounted to the standard 3-point-hitch to be attach to any carrier vehicle.



Power belt

The spring tension of the belts reduces wear and tear and ensures optimum power transmission.

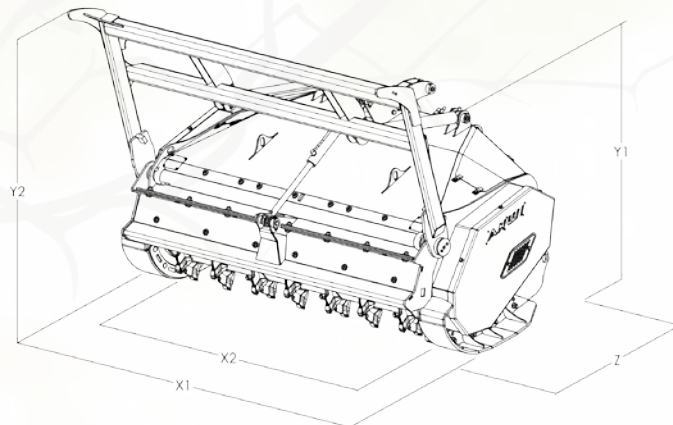
WORKING WIDTH IN [MM]	92.5 [2350]	2550
Power range hp	200-400	200-400
Volume flow l/gpm [l/min]	240-400	240-400
Total width in [mm]	110 [2800]	118 [3000]
Weight* lb [kg]	6173 [2800]	6834 [3100]
Tools quantity	56xUPTs	64xUPTs
Belt transmission (grooves)	6 (2x)	6 (2x)

Changes due to technical improvements reserved.

*Weight information refers to the configuration without push bar and without counter blades installed on the flap.

TECHNISCHE DATEN

	Working Width in [mm] (X2)	Power range PS	Total Width in [mm] (X1)	Height in [mm] (Y1)	Depth in [mm] (Z)	Weight lb [kg]	Tools	Belt Transmission
M450	63 [1600]	80-130	75 [1900]	40 [1010]	27 [686]	2183 [990]	42	3 (1x)
	71 [1900]	80-130	87 [2200]	40 [1010]	27 [686]	2535 [1150]	50	3 (1x)
	106 [2700]	120-220	118 [3000]	40 [1010]	34 [867]	3483 [1580]	56	3 (2x)
M550	83 [2110]	100-300	98 [2500]	47 [1203]	54 [1369]	4519 [2050]	48	4 (2x)
	95 [2410]	180-300	110 [2800]	47 [1203]	54 [1369]	4850 [2200]	60	4 (2x)
M650	93 [2350]	200-400	110 [2800]	49 [1253]	60 [1520]	6173 [2800]	56	6 (2x)
	100 [2550]	200-400	118 [3000]	49 [1253]	60 [1520]	6834 [3100]	64	6 (2x)



LÖSUNGEN FÜR JEDEN EINSATZ

Rodungsfräsen



Biomasseernte



Trägerfahrzeuge



Änderungen im Zuge der technischen Weiterentwicklung vorbehalten.

WERKZEUGE & ROTOREN

Our tools are designed to prevent the build-up of mounds in the middle of the mulching strip and reduce the risk of unbalance to a minimum.

To avoid unbalancing opposite tools should always be changed at the same time. In our system the opposing counterpart of the tool to be changed is easy to identify.

Our tool systems are suitable for all ground conditions, vegetation types and densities.

Depending on their layout, tools can be rotated when worn.

UPTs FOR MEDIUM PERFORMANCE CLASSES

- + No need to retighten
- + Reduced power demand



UPTs02



UPTs04



UPT08.02



BCS FOR LOWER POWER CLASSES

- + Very high cutting performance
- + Perfect depth control
- + For jobs with slight ground contact



HM028





Verkaufs- und Servicestellen in Ihrer Nähe finden Sie unter www.prinoth.com

AHWI Maschinenbau GmbH
Im Branden 15
D-88634 Herdwangen
Tel. +49 (0)7557 9212-0
Fax +49 (0)7557 9212-92
ahwi@prinoth.com

PRINOTH AG
Brennerstraße 34
I-39049 Sterzing (BZ)
Tel. +39 0472 72 26 22
Fax +39 0472 72 26 18
prinoth@prinoth.com