



**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.

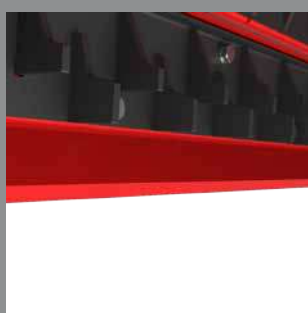
#### Benefits for you

- + 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.

<b>WORKING WIDTH IN [MM]</b>	63 [1600]	71 [1900]
<b>Power range hp</b>	80-130	80-130
<b>Volume flow l/gpm [l/min]</b>	17-35 [80-160]	17-35 [80-160]
<b>Total width in [mm]</b>	71 [1900]	87 [2100]
<b>Weight* lb [kg]</b>	2180 [990]	2535 [1150]
<b>Tools quantity</b>	42xUPTs / 32xBCS	50xUPTs / 40xBCS
<b>Belt transmission (grooves)</b>	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 120–220 hp.

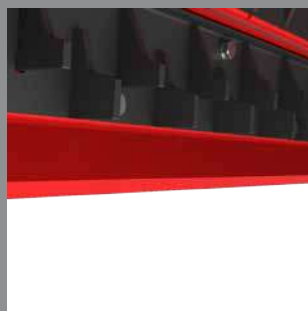
#### Benefits for you

- + 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.

<b>WORKING WIDTH IN [MM]</b>	106 [2700]
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<b>Power range hp</b>	120-220
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<b>Volume flow l/gpm [l/min]</b>	26-57 [120-260]
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<b>Total width in [mm]</b>	118 [3000]
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<b>Weight* lb [kg]</b>	3483 [1580]
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<b>Tools quantity</b>	56xBCS
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<b>Belt transmission (grooves)</b>	3 (2x)
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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.

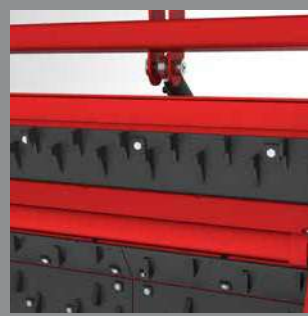
## Benefits for you

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



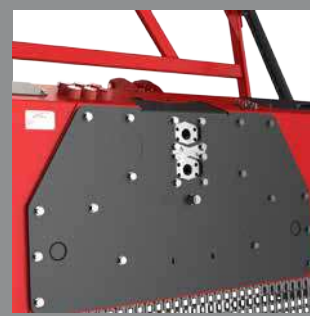
## Body lining

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



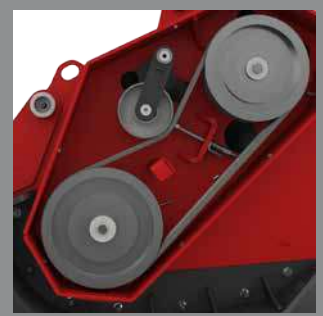
## Two-stage counter blades

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	52xUPTs	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.

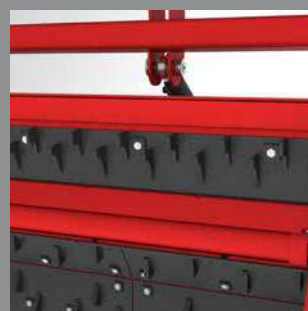
#### Benefits for you

- + 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 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.

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

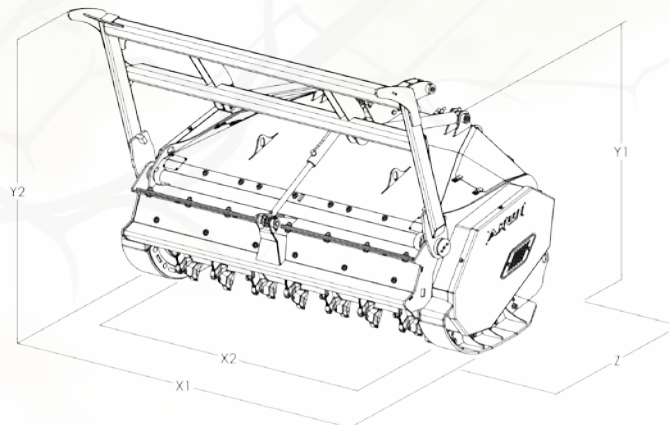
Changes due to technical improvements reserved.

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



# TECHNICAL DATA

	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
<b>M450</b>	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)
<b>M550</b>	83 [2110]	100-300	98 [2500]	47 [1203]	54 [1369]	4519 [2050]	52	4 (2x)
	95 [2410]	180-300	110 [2800]	47 [1203]	54 [1369]	4850 [2200]	60	4 (2x)
<b>M650</b>	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)



**Rotovators**



**Biomass harvesting**



**Mulching carriers**



Changes due to technical improvements reserved.

# TOOLS

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

- + Long lifetime
- + reduced power demand
- + safe fit unter extreme stress



UPTs02



UPTs04



## BCS FOR LOWER POWER CLASSES

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



HM028





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