

# FMH Series

## Flail mowers | Side-shift



- // Side-shift function
- // Counter blade
- // Rear roller scraper
- // Openable rear cover
- // Automatic belt tensioning system

The FMH Side-shift flail mowers are suitable for tractors ranging from 30 to 130 HP and offer working widths from 1.2 to 3 meters. By default, they are equipped with hammer blades, providing a good balance between cutting quality and cutting power. FMH flail mowers are mainly used on relative flat terrain, cutting roadside grass, maintaining park greenery, and mowing between rows in orchards.

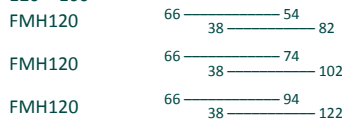
## All models



**LIGHT**

**FMH**  
120  
140  
160

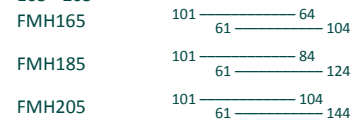
**Power (hp)** 30 - 50  
**Working width (cm)** 120 - 160  
**Side-shift (cm)**



**MEDIUM**

**FMH**  
165  
185  
205

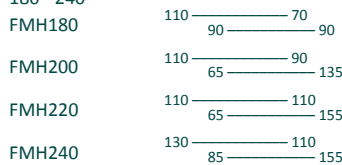
**Power (hp)** 50 - 70  
**Working width (cm)** 165 - 205  
**Side-shift (cm)**



**HEAVY**

**FMH**  
180  
200  
220  
240

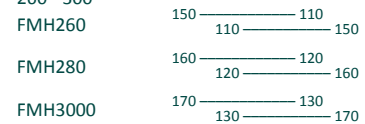
**Power (hp)** 70 - 100  
**Working width (cm)** 180 - 240  
**Side-shift (cm)**



**MAX**

**FMH**  
260  
280  
300

**Power (hp)** 90 - 130  
**Working width (cm)** 260 - 300  
**Side-shift (cm)**



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# Optional parts

## SD550 Passive avoidance disc



The SD550 hydraulic avoidance disc uses a passive avoidance mechanism that relies on the rebound of a nitrogen spring when pressure is applied. The disc adapts to the ground contours and is suitable for weeding between orchard rows with fruit tree seedlings of more than 4 cm in diameter.

## OTK Independant hydraulic tank



When the tractor's hydraulic system cannot deliver sufficient flow or pressure to power the attached implement, the OTK attachment provides a highly efficient solution. This system is mechanically driven directly from the mower's gearbox, eliminating the need for additional hydraulic connections to the tractor.

Without the OTK system, the tractor's limited hydraulic oil volume can lead to excessive heat buildup and reduced system performance. The OTK system delivers a hydraulic flow rate of 30 L/min at a working pressure of 16 MPa.

## HD550 Active avoidance disc



The HD550 hydraulic avoidance disc cutter is a mower accessory designed for orchard weeding. Its hydraulic cylinder enables automatic rebound, while the hydraulic touch rod provides active obstacle avoidance, allowing safe operation around young orchard seedlings.

## Y-blades Best cutting performance



Y blades offer the best cutting performance in terms of cutting result, producing finer residues than hammer blades. However, they are less suitable for cutting larger branches and have a smaller cutting capacity compared to hammer blades.

## Hammer (T)-blades Balanced cutting power for tougher



Hammer blades are heavier than Y-blades and designed for tougher cutting conditions. They can handle slightly larger branches and thicker vegetation, providing a good balance between cutting quality and cutting power.

# Technical specifications

Model	LIGHT			MEDIUM			HEAVY				MAX		
	FMH120	FMH140	FMH160	FMH165	FMH185	FMH205	FMH180	FMH200	FMH220	FMH240	FMH260	FMH280	FMH300
Working width (mm)	1200	1400	1600	1650	1850	2050	1800	2000	2200	2400	2600	2800	3000
Transport width (mm)	1350	1550	1750	1820	2020	2220	2000	2200	2400	2600	2840	3040	3240
PTO speed (rpm)	540			540			540				540		
Output (hp)	30-50			50-70			70-100				90-130		
Output (kW)	22-37			37-52			52-75				67-97		
Drive belts	3			3			4				5		
Weight (kg)	260	274	300	416	498	520	622	672	705	740	1104	1156	1208
Mounting position	Rear			Rear			Rear				Rear		
3-point hitch type	Cat. I			Cat. I / II			Cat. II				Cat. II / III		
Counterblade	1			1			1				2		
Cutting diameter (mm)	< 40			< 60			< 80				< 100		
Rotor diameter (mm)	108			127			168				220		
Hammer blades (pcs / kg)	20 / 0,34	24 / 0,34	26 / 0,34	22 / 0,81	24 / 0,81	26 / 0,81	18 / 1,67	20 / 1,67	22 / 1,67	24 / 1,67	24 / 1,67	26 / 1,67	28 / 1,67
Y-blades (pcs / kg)	60 / 0,46	72 / 0,46	78 / 0,46	66 / 0,86	72 / 0,86	78 / 0,86	n/a				n/a		
<b>Product Features</b>													
Side-shift	•	•	•	•	•	•	•	•	•	•	•	•	•
Openable rear cover	•	•	•	•	•	•	•	•	•	•	hydraulic	hydraulic	hydraulic
Automatic belt tensoning system	•	•	•	•	•	•	•	•	•	•	•	•	•
Rear roller scraper	•	•	•	•	•	•	•	•	•	•	•	•	•
Hammer (T) or Y-blades	T/Y	T/Y	T/Y	T/Y	T/Y	T/Y	T	T	T	T	T	T	T
Adjustable side skids	•	•	•	•	•	•	•	•	•	•	•	•	•
Free wheel clutch	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>Optional parts</b>													
SD550	•	•	•	•	•	•	•	•	•	•	n/a	n/a	n/a
HD550	•	•	•	•	•	•	•	•	•	•	n/a	n/a	n/a
OTKL	•	•	•	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
OTK	n/a	n/a	n/a	•	•	•	n/a	n/a	n/a	n/a	n/a	n/a	n/a