

# MCM

# MCM SM420

## PORTABLE SAWMILL



**790 mm**  
Log Diameter



**5000 mm**  
Max Cutting Length



**540 kg**  
Winch Capacity



Website : [www.MCMGROUP.co.za](http://www.MCMGROUP.co.za)



Instagram : [mcm.company](https://www.instagram.com/mcm.company)



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# MCM SM420 PORTABLE SAWMILL

Portable. Powerful. Built for Precision Cutting.



## TECHNICAL SPECIFICATIONS

### ENGINE

Model	Lifan LF190F V-Twin (EPA Certified)
Type	4-Stroke OHV Single Cylinder
Displacement	430cc
Net Peak Power	11.1 kW (15HP) @ 3600 rpm
Bore x Stroke	90mm x 66mm

### LOG WINCH

Winch Type	Manual
Winch Rope Length	6000 mm
Winch Capacity	540 kg

### CUTTING CAPACITY

Log Diameter	790 mm
Slab Width (Width of Cut)	750 mm
Max. Cutting Thickness	178 mm
Max. Cutting Length	5000 mm
Max. Cutting Height	1730 mm
Max. Blade Speed	17 m/minute
Max. Safe Cutting Speed	13-15 sec/m

### ★ KEY FEATURES

- Automatic & Adjustable Blade Lubrication System.
- Adjustable Blade Guide.
- Quick Locking Blade Height.
- 2 Adjustable Blade Belt Brushes to clean belts.
- 2 Log Ramps for lifting logs using the winch.
- 4 Movable Log Supports extendable in height up to 290mm.
- 3 Movable Manually Adjustable Log Dogs.
- 8 Trailer Stabilizers.
- Fast & Complete Service Access Doors to Blade & Blade Wheels.
- Tool-Less T-Bar Blade Tightening.
- Convenient Engine Hand-Throttle.
- Emergency Quick-Stop Button.
- Trailer Ball Hook for Easy Towing.

### BLADE SPECIFICATIONS

Blade Length	3960 mm
Blade Width	34 mm
Blade Thickness	0.9 mm
Blade Wheel Diameter	480 mm
Blade Tooth Spacing	22 mm
Blade Hook Angle	0.6 mm
Blade Tensioner	Manual

### DECK & TRAILER SPECIFICATIONS

Deck Length	5965 mm
Deck Width	103.5 mm
Ground Clearance of Deck	320 mm
Ground Clearance of Axle	2400 mm
Trailer Tyres	165/70R13 Radial RP28
Qty. of Trailer Stabilizers	8
Stabilizer Height Adjustment	0-270 mm

### ENGINE NOTE

The Lifan 420cc engine is a USA based industry leading petrol engine, bringing ample power to the MCM SM420 Portable Sawmill.



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