

Yato | Code YT-82154 | Sku 1082154

Circular Saw 235 mm 2800 W



Overview

A very powerful saw designed for straight cuts, angled cuts and rip cuts in hard and soft woods and wood-like materials. The large cutting range facilitates carpentry and roofing work, cutting through rafters, squared timbers and masonry. Features a high-performance commutator motor with 2800 W output and 4800 rpm rotational speed for precision and speed across a wide range of applications. Cutting angle adjustable from 0–45° and cutting depth adjustable up to 85 mm. Stable steel base plate, dust extraction port (inner diameter 34 mm), comfortable rubber handle, 235 mm diameter 24-tooth blade with 25.4 mm arbor, and 3 m rubber cable. Compatible spare blades available separately: YT-60685 (24T), YT-60686 (36T), YT-60687 (60T). Includes a graduated parallel guide for straight-line rip cuts. The dust extraction hose and any required adapters must be purchased separately.

Key Technical Specifications

Power	2800 W
Weight	7.75 kg
Voltage	220–240 V AC
Frequency	50 Hz
Vibration	1.847 ± 1.5 m/s ²
Laser Guide	No
Cable Length	3 m
Set Contents	Saw, graduated parallel guide
Acoustic Power	110.0 ± 3.0 dB(A)
Number of Teeth	24
Rotational Speed	4800 min ¹
Acoustic Pressure	99.0 ± 3.0 dB(A)
Bevel Angle Range	0–45°
Protection Rating	IPX0

Blade Arbor Diameter	25.4 mm
Blade Max. Thickness	3.0 mm
Blade Outer Diameter	235 mm
Compatible Spare Blades	YT-60685, YT-60686, YT-60687
Max. Cutting Depth (45°)	60 mm
Max. Cutting Depth (90°)	85 mm
Electrical Insulation Class	II

Key Points

- High-performance 2800 W commutator motor with 4800 rpm for fast, precise cuts
- Cutting depth adjustable up to 85 mm (at 90°) and 60 mm (at 45°) via graduated rear guide
- Bevel angle adjustment from 0° to 45° set via front graduation scale
- 235 mm, 24-tooth blade included with 25.4 mm standard arbor hole
- Dust extraction port (34 mm inner diameter) compatible with industrial vacuum cleaners
- Stable steel base plate for level, controlled cutting
- Comfortable rubber grip handle for secure operation
- 3 m rubber power cable for extended reach
- Graduated parallel guide included for rip cuts parallel to material edge
- Compatible spare blades: YT-60685 (24T), YT-60686 (36T), YT-60687 (60T)

Warnings

- Acoustic pressure level 99.0 dB(A) — hearing protection must be worn during operation
- Acoustic power level 110.0 dB(A) — ensure adequate hearing protection for operator and bystanders
- Dust extraction hose and adapters are not included and must be purchased separately
- Do not exceed the maximum recommended blade thickness of 3.0 mm