

Yato | Code YT-84820 | Sku 1084820

## GASOLINE CUT-OFF SAW 4000W 5.44HP



### Overview

Exceptional Cutting Power. This very powerful two-stroke cutter is designed for dry and wet cutting of concrete and – with the appropriate type of blade – asphalt, stone, and steel. Recommended for professionals. Recommended blades for the saw: YT-5965 and YT-5955. Required blade diameter: 400 mm. Maximum cutting depth: 145 mm. Power: 5.44 HP. Water cooling of the blade. Dust protection. Multi-groove V-belt. Ceramic cylinder coating. Adjustable blade guard allows operation in any position. Powerful 5.44 HP. Deep cutting up to 145 mm. Effective water cooling. Reduced vibrations. Gasoline engine. Cutting element mounted on shock absorbers. Precise cutting from idle. Fuel venting system. Low vibration level. Water flow adjustment. Exhaust gases directed differently than dust exhaust. Complies with EURO 2 emission standard. Water connection included. Parameters: Weight (without blade and fuel) [kg]: 12; Fuel tank capacity [l]: 1; Max. spindle speed [min-1]: 4700; Spindle diameter [mm]: 14.3; Blade mounting hole diameter [mm]: 25.4; Blade diameter [mm]: 400; Blade mounting torque [Nm]: 15 - 25; Minimum outer diameter of the blade mounting flange [mm]: 78; Maximum cutting depth [mm]: 145; Water pressure [MPa]: 0.1 – 0.5. Number of cylinders: 1; Number of strokes: 2; Cooling: air; Spark plug type: L8RTF, BM6A; Engine displacement [cm<sup>3</sup>]: 93.6; Engine power [kW]: 4; Rated engine speed [min-1]: 8500; Idle speed [min-1]: 2500 ± 300; Max fuel consumption [g/h]: 2105. Detailed Technical Data: Type of cutter: two-stroke, gasoline; Purpose: dry and wet cutting of concrete, asphalt, stone, and steel; Recommended blades: YT-5965, YT-5955; Required blade diameter: 400 mm; Maximum cutting depth: 145 mm; Engine power: 5.44 HP (4 kW); Blade cooling: water; Protection: against dust; Belt type: multi-groove; Cylinder: ceramic coating; Blade guard: adjustable, allowing operation in any position; Cutting element: mounted on shock absorbers; Cutting: precise from idle; System: fuel venting; Vibration level: low; Adjustment: water flow; Exhaust gases: directed differently than dust exhaust; Emission standard: EURO 2; Included: water connection; Weight (without blade and fuel): 12 kg; Fuel tank capacity: 1 l; Max. spindle speed: 4700 min-1; Spindle diameter: 14.3 mm; Blade mounting hole diameter: 25.4 mm; Blade mounting torque: 15 - 25 Nm; Minimum outer diameter of the

blade mounting flange: 78 mm; Water pressure: 0.1 – 0.5 MPa; Number of engine cylinders: 1; Number of engine strokes: 2; Engine cooling: air; Spark plug type: L8RTF, BM6A; Engine displacement: 93.6 cm<sup>3</sup>; Rated engine speed: 8500 min<sup>-1</sup>; Idle speed: 2500 ± 300 min<sup>-1</sup>; Max fuel consumption: 2105 g/h; Sound pressure: 93.35 ± 2.5 dB / 107.95 ± 2.5 dB; Sound power: 112.33 ± 2.5 dB / 115.5 ± 2.5 dB; Water connection diameter: 1/2" (12.7 mm); Vibration: 6.99 ± 1.5 m/s<sup>2</sup> / 7.79 ± 1.5 m/s<sup>2</sup> / 10.26 ± 1.5 m/s<sup>2</sup> / 9.77 ± 1.5 m/s<sup>2</sup>; Fuel and oil ratio: 40:1. Usage warnings: Warning! Avoid the reactive movement (kickback) while using the machine. Warning! Exhaust unit may produce sparks - fire risk. Do not use damaged cut-off wheel. Do not use saw blade.

## Key Technical Specifications

|                                                       |                                                                     |
|-------------------------------------------------------|---------------------------------------------------------------------|
| <b>Brand</b>                                          | Yato                                                                |
| <b>Power</b>                                          | 4 kW                                                                |
| <b>Symbol</b>                                         | YT-84820                                                            |
| <b>Weight</b>                                         | 12 kg                                                               |
| <b>Cooling</b>                                        | air (engine), water (shield)                                        |
| <b>Rotations</b>                                      | 4700 min <sup>-1</sup>                                              |
| <b>Vibrations</b>                                     | 6.99 ± 1.5 / 7.79 ± 1.5 / 10.26 ± 1.5 / 9.77 ± 1.5 m/s <sup>2</sup> |
| <b>Disc diameter</b>                                  | 400 mm                                                              |
| <b>Low vibration</b>                                  | yes                                                                 |
| <b>Producer code</b>                                  | 5906083033933                                                       |
| <b>Acoustic power</b>                                 | 112.33 ± 2.5 / 115.5 ± 2.5 dB(A)                                    |
| <b>Water pressure</b>                                 | 0.1-0.5 MPa                                                         |
| <b>Spark plug type</b>                                | L8RTF, BM6A                                                         |
| <b>Spindle diameter</b>                               | 14.3 mm                                                             |
| <b>Acoustic pressure</b>                              | 93.35 ± 2.5 / 107.95 ± 2.5 dB(A)                                    |
| <b>Fuel tank capacity</b>                             | 1 l                                                                 |
| <b>Max. cutting depth</b>                             | 145 mm                                                              |
| <b>Oil and fuel ratio</b>                             | 40:1                                                                |
| <b>Disc mounting torque</b>                           | 15-25 Nm                                                            |
| <b>Max. fuel consumption</b>                          | 2105 g/h                                                            |
| <b>Water outlet diameter</b>                          | 1/2" (12.7 mm)                                                      |
| <b>Mounting hole diameter</b>                         | 25.4 mm                                                             |
| <b>Engine (motor) capacity</b>                        | 93.6 cm <sup>3</sup>                                                |
| <b>Number of strokes in engine</b>                    | 2                                                                   |
| <b>Number of cylinders in engine</b>                  | 1                                                                   |
| <b>Min. external diameter of disc mounting flange</b> | 78 mm                                                               |

## Key Points

- Required blade diameter: 400 mm
- Maximum cutting depth: 145 mm
- Power: 5.44 HP (4 kW)
- Water cooling of the blade
- Dust protection
- Multi-groove V-belt
- Ceramic cylinder coating
- Adjustable blade guard allows operation in any position
- Cutting element mounted on shock absorbers
- Precise cutting from idle
- Fuel venting system
- Low vibration level
- Water flow adjustment
- Exhaust gases directed differently than dust exhaust
- Complies with EURO 2 emission standard
- Water connection included
- Two-stroke gasoline engine, displacement 93.6 cm<sup>3</sup>
- Recommended blades: YT-5965, YT-5955
- Weight (without blade and fuel): 12 kg
- Fuel tank capacity: 1 l
- Fuel and oil ratio: 40:1

## Warnings

- Warning! Avoid reactive movement (kickback) while using the machine.
- Warning! The exhaust unit may produce sparks - fire risk.
- Do not use a damaged cut-off wheel.
- Do not use a saw blade.