



BTS635s

Gasoline cut-off saw

Superior performance with every cut

The BTS635s gasoline cut-off saw is the ideal tool on the construction site. Thanks to the high-quality fabrication of the components, it is sturdy and has an extremely long service life. The well-balanced machine design is easy to handle and can be intuitively operated. The air-cooled 2-stroke engine has a powerful torque with reliable power transmission and provides first-class cutting performance.

Highlights

- 3-stage air filter system (cyclone, prefilter and main filter)
- Sturdy design
- Guide cart
- Soft start

Technical Data

■ Mechanical - Output Details

Span width max.	4,5 mm
Cutting depth max.	12,8 cm
Transmission	Centrifugal Clutch
Circum. speed; Wheel 300 mm	67,0 m/s
Circum. speed; Wheel 350 mm	78,0 m/s
Spindle speed	4.240,0 1/min

■ Mechanical Details

Length	825,0 mm
Width	315,0 mm
Height	420,0 mm
Weight	11,60 kg
Cutting wheel diameter min.	300 mm
Cutting wheel diameter max.	350 mm

■ Engine

Cooling	air cooling
Engine type	Gasoline engine
Engine operating mode	two-stroke
Cylinder	1,0
Cylinder capacity	86,0 cm ³
Kraftstofftyp	two-stroke mixture
Fuel consumption [kg/h]	2,3 L/hr

Fuel management	Carburettor
Fuel mix ratio	1:50
tank capacity	1,1 l
Effective power	3,7 KW
Nominal Engine speed	9.300,0 1/min
Idling speed	2.800,0 1/min
Maximum torque	5,0 Nm
Engine speed (max. torque)	6.500,0 1/min
Spark plug(s)	NGK BPMR-7 A
Electrode distance	0,600 mm
Air cleaner	dry air filter
Starter type	Recoil starter with soft start
Speed max.	10.000,0 1/min

■ Environment Data

Sound level LpA	104,0 dB(A)
Sound level LpA (Standard)	DIN EN ISO 19432
Sound power LWA, measured	115,0 dB(A)
Sound power LWA, guaranteed	117,0 dB(A)
Sound power LWA (Standard)	DIN EN ISO 19432
Accel. bow-typ nominal speed	4,6 m/s ²
Accel. handle nominal speed	3,5 m/s ²
HAV summation (Standard)	EN ISO 19432

Uncertainty in measurement HAV	1,5 m/s ²
CO2 (NRSC)	840,0 g/KWh

■ Electrical System

Breaker Switch On/Off	yes
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