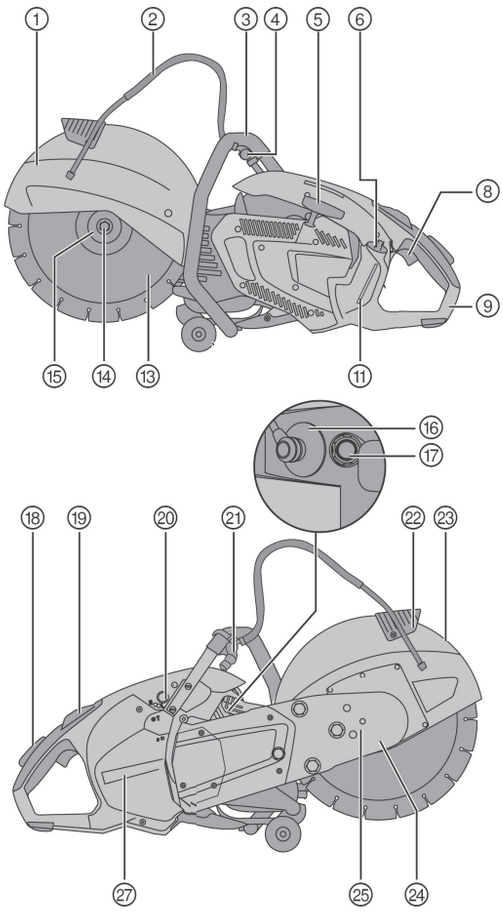
DSH 700-X

Gasoline-powered cut-off saw

This document is a summary of the original manual. You must read the detailed operating instructions in full before operating the product.
Ignoring the warnings and instructions may lead to potentially fatal injury. The product has been designed for professional use and may be operated, maintained and repaired only by suitably trained or qualified personnel.



1	Hood
2	Water supply
3	Forward grip
4	Water valve
5	Starter handle
6	Fuel tank cap
8	Throttle trigger
9	Rear grip
11	Fuel gauge
13	Cutting disc
14	Clamping screw
15	Clamping flange
16	Spark plug connector
17	Decompression valve
18	Throttle safety grip
19	Start/stop switch
20	Primer bulb
21	Water connection
22	Grip for guard adjustment
25	Hole for locking pin for changing cutting discs
27	Air filter cover

Before operating the power tool, observe the instructions regarding protective equipment.

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Intended use

The product described is a gasoline-powered cut-off saw for the wet or dry cutting of asphalt, mineral construction materials or metals using diamond cutting discs or abrasive cutting discs. It can be held and guided by hand or mounted on a saw trolley.

The saw is not suitable for use in environments where there is risk of fire or explosion.

Data

Weight without cutting disc, tank empty	
Option: DSH 700 30/12" / DSH 700-X 30/12"	11.6 kg
Option: DSH 700 35/14" / DSH 700-X 35/14"	11.8 kg

Vibration at the rear grip, ISO 19432 (EN 12096) ($a_{hv,eq}$)	
Option: DSH 700 30/12" / DSH 700-X 30/12"	3.2 m/s²
Option: DSH 700 35/14" / DSH 700-X 35/14"	5.0 m/s²

Vibration at the forward grip, ISO 19432 (EN 12096) ($a_{hv,eq}$)	
Option: DSH 700 30/12" / DSH 700-X 30/12"	4.5 m/s²
Option: DSH 700 35/14" / DSH 700-X 35/14"	4.7 m/s²

Technical data	
Power rating	3.5 kW
Measured sound power level 2000/14/EC (ISO 3744)	108 dB(A)
Sound pressure level, ISO 19432 (ISO 11201) ($L_{pa,eq}$)	99 dB(A)

Starting the engine

1. Press the decompression valve (once).
2. When starting the cold engine (only when cold), squeeze the primer bulb 2 to 3 times (until the primer bulb is completely filled with fuel).
3. Press the throttle safety grip and keep it pressed.
4. Press the throttle trigger and keep it pressed.
5. Move the start/stop switch to the “start” position.
6. Release the throttle safety grip and throttle trigger.
   - ◁ This half-throttle position is activated.
7. Check that the cutting disc is free to rotate.
8. Position your right foot over the lower part of the rear grip.
9. Pull the starter handle slowly with your right hand until resistance is felt.
10. Pull the starter handle vigorously.
11. Repeat this action until the engine starts.
12. Press the throttle trigger briefly as soon as the engine starts.
    - ◁ This disengages the half-throttle position and the engine then runs at idling speed when the throttle is released.

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