New Unit Information

KM 70/20 C

1.517-...

Design:

– The main brush is driven by both wheels.

– Both wheels with freewheel mechanism.

– The main brush consists of 2 half-shells.

– Side brush with steplessly adjustable height.

– Main brush with six height adjustment settings.

– Fine dust filter.

– Brushing system according to the dustpan principle.

– Adjustable push handle (can be folded in for transport).

– Width, sweeping path w/o side brush 430 mm.

– Width, sweeping path with side brush 700 mm.

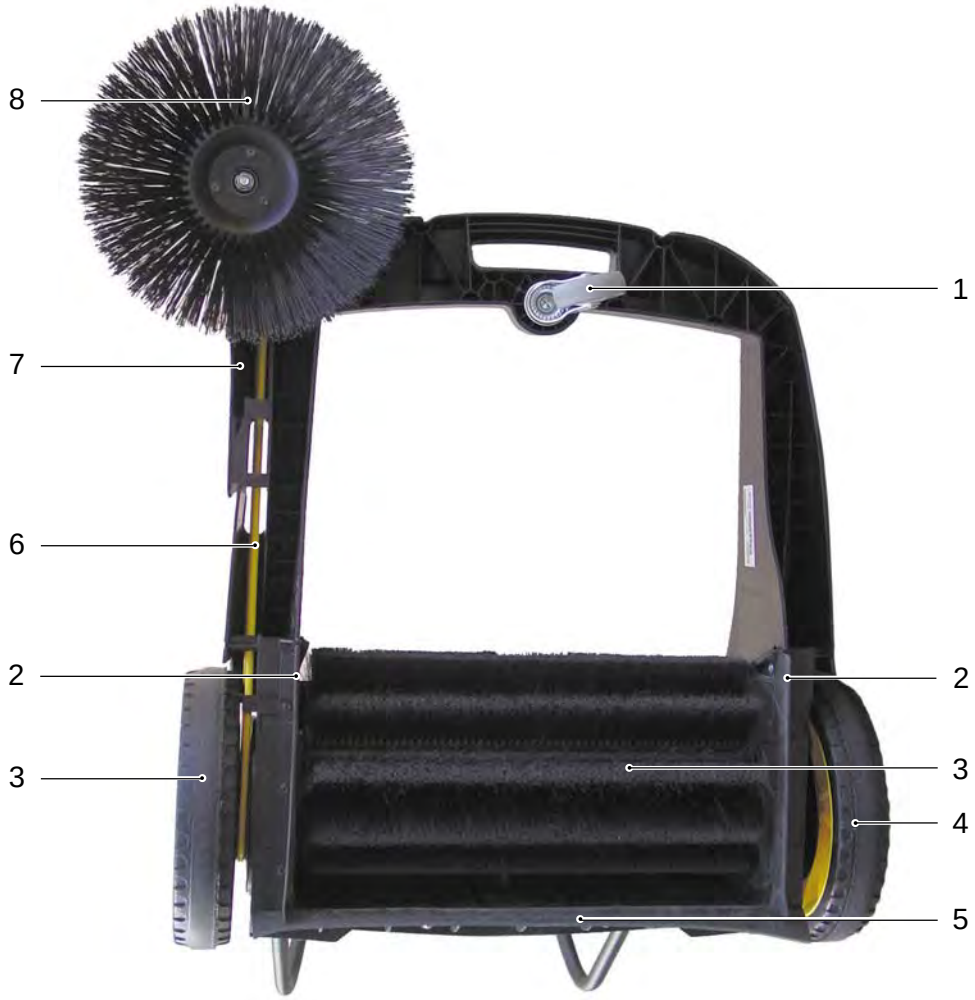
View from the front

1 Push handle
2 Retaining screw, push handle
3 Wheel
4 Debris container
5 Carrying handle
6 Swivel caster
7 Side brush
8 Side brush arm
9 Adjusting screw, side brush height adjustment
10 Adjusting lever, main brush adjustment

Rear view

1 Debris container
2 Adjusting screw, side brush height adjustment (stepless)
3 Side brush arm
4 Side brush
5 Wheel
6 Sealing lip
7 Fine dust filter
8 Adjusting lever, main brush height adjustment (6 settings)
9 Push handle

View from underneath (without debris container)



1 Swivel caster
2 Sealing strip
3 Main brush
4 Wheel
5 Sealing lip
6 Side brush drive belt
7 Side brush arm
8 Side brush

Side brush arm raised, side brush unscrewed

1 Side brush mounting plate
2 Mounting plate retaining screw
3 Deflection pulleys for drive belt
4 Wheel
5 Side brush arm
6 Side brush drive belt
7 Side brush
8 Retaining screws for side brush (3x)

Side brush drive

1 Main brush
2 Side brush drive belt
3 Hexagonal nut for retainig the side brush base mounting plate (5)
4 Flat washer
5 Side brush base mounting plate
6 Wheel
7 Side brush arm
8 Side brush mounting plate, drive shaft

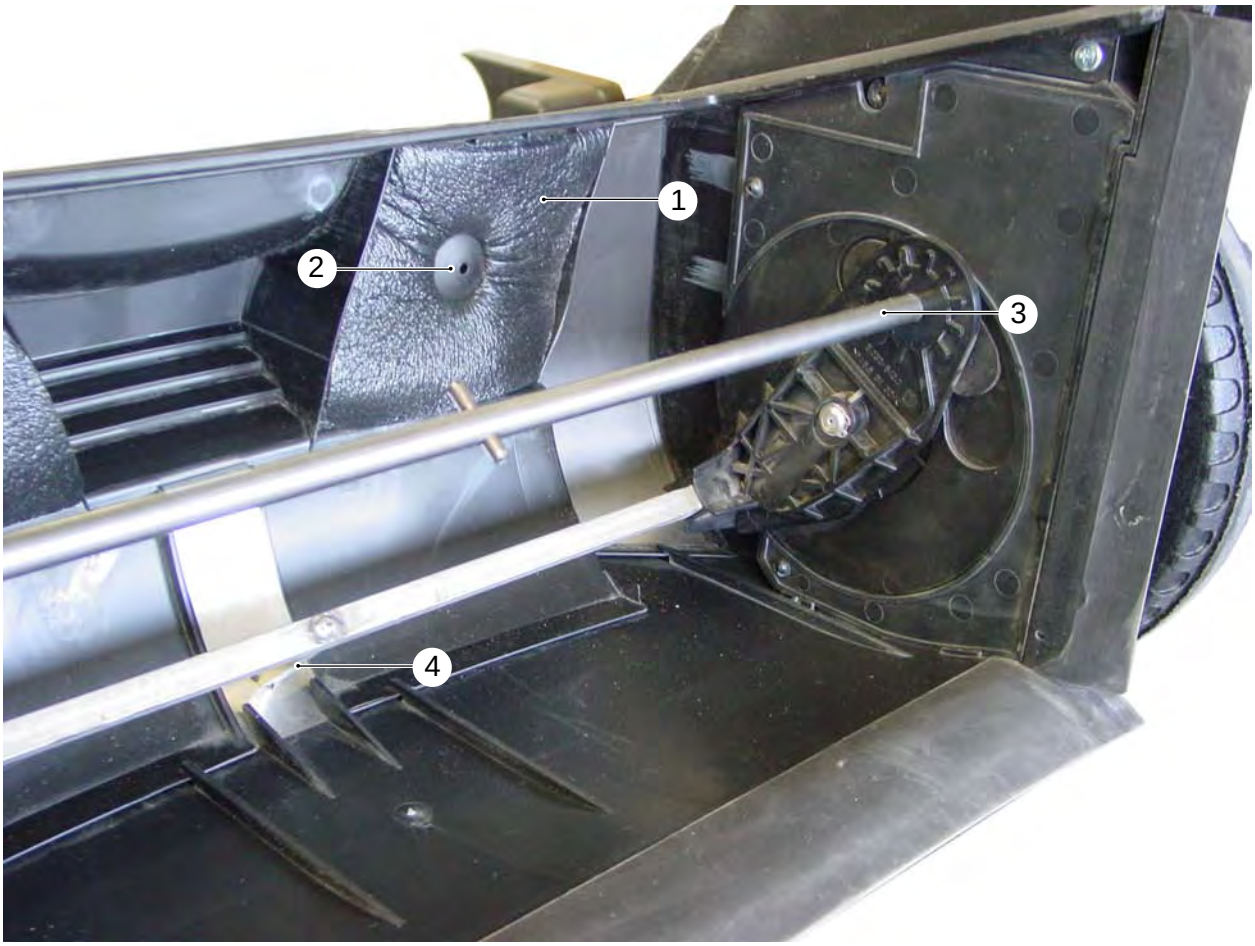
Note:
When installing the drive belt (2) pay attention to the rotational direction of the side brush. When moving forward the side brush must rotate towards the inside.

Main brush

1 Fine dust filter
2 Main brush
3 Retaining screws of the main brush half-shells (6x)

Note:
To dismantle the main brush, unscrew all 6 retaining screws (3). The two main brush half-shells can then be taken out.

Main brush drive



1 Fine filter
2 Retaining pin for fine filter
3 Drive shaft for main brush
4 Main brush height adjusting arm

Remove fine filter

– Pull out the retaining pin (2).
– The fine filter (1) can be removed.

Main brush drive

1 Wheel
2 Flat washer
3 Lock washer
4 Axle

Remove wheel

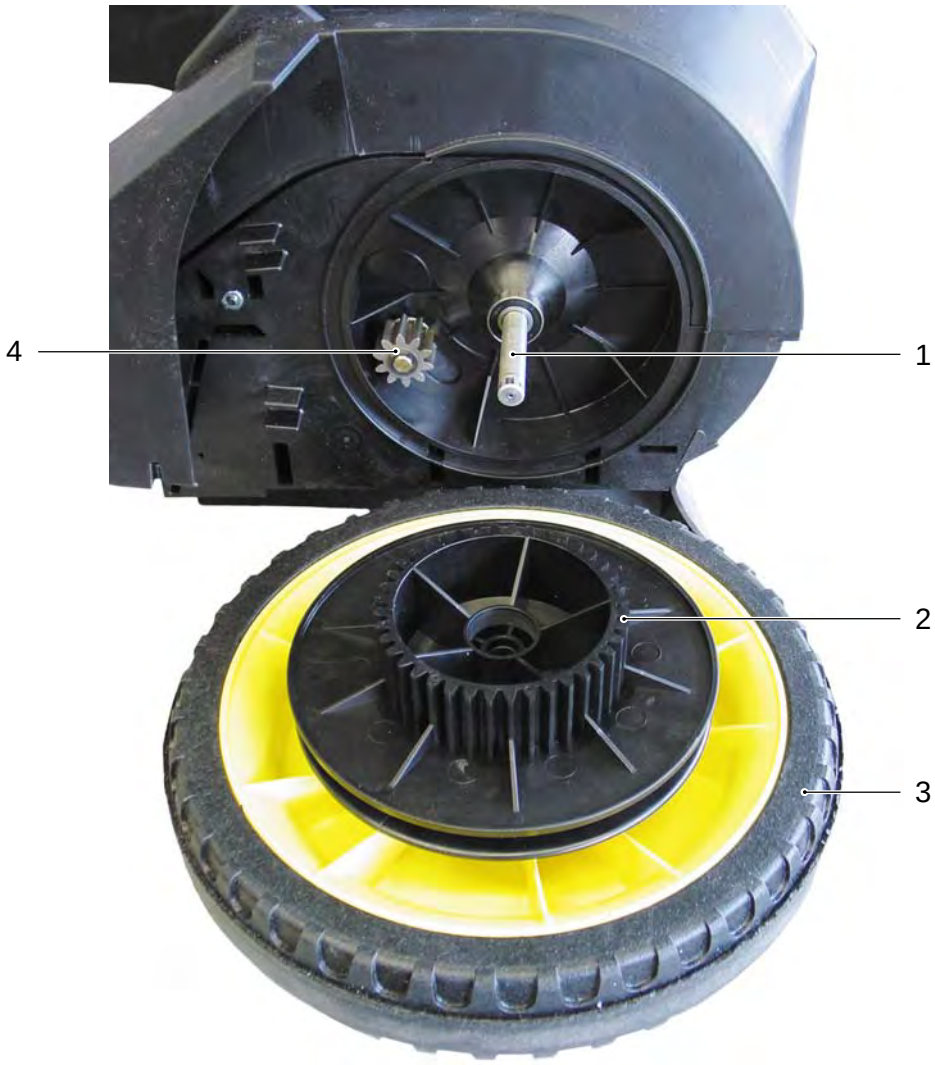
– Use a screwdriver to unclip the cap cover in the middle of the wheel (not shown).

– Use wire cutting pliers to disconnect and remove the lock washer (3).

– The wheel can be pulled off the axle (4).

Note:
The lock washer (3) is broken when removed. A new lock washer (3) must be used to reinstall the wheel.

Main brush drive



1 Axle
2 Sprocket-wheel
3 Wheel
4 Driving gear for main brush (with freewheeling mechanism)

Note:
The main brush is driven by both wheels. Both driving gears with freewheel mechanism.

Troubleshooting

Fault	Solution
Unsatisfactory sweeping result	– Empty debris container. – Adjust height of main brush/clean/replace. – Adjust height of side brush/clean/replace. – Check/replace sealing strips. – Check/replace the drive belt for side brush.

Technical specifications

Unit Type	Unit No.	Operating instructions	Spare parts list
KM 70/20 C (1 side brush)	1.517-101	5.961-234	5.970-279

The technical data sheet and the circuit diagram will be included in the next issue of the spare parts CD-ROM (DISIS) and are available in the Intranet.

Technical data sheet: Folder: „Central / Service Info Int'l / Technical Specifications“

Circuit diagram: Folder: „Central / Service Info Int'l / Circuit Diagram“

If required, the operating instructions and the spare parts lists can be ordered as a paper copy from the spare parts service by quoting the relevant part number.

Special tool

No special tools are required.

Tightening torque

No details.