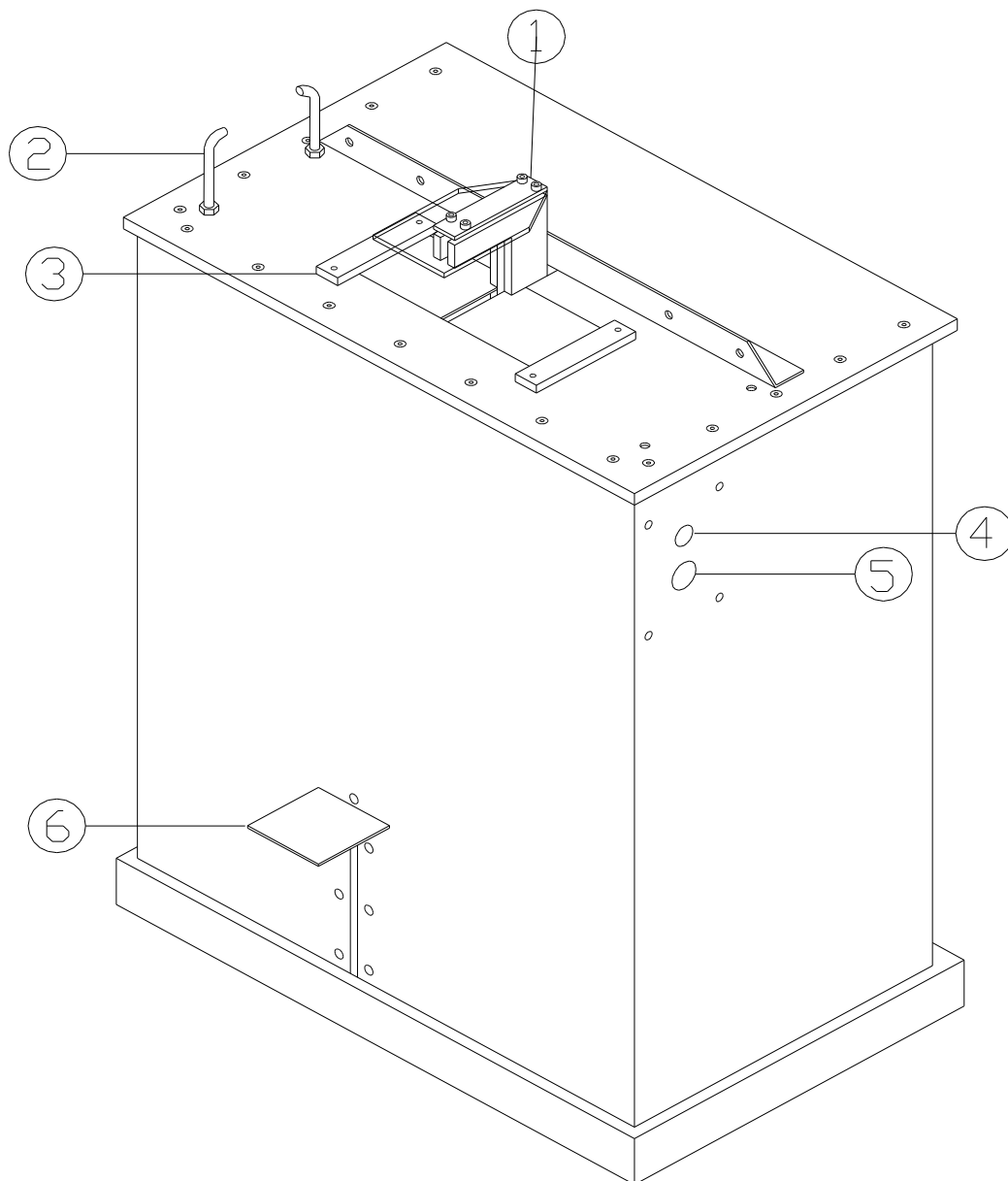


USER'S MANUAL

CM 70 F2, CM 100 F CUTTING MACHINE



OPERATION DEVICES



- ① Hose controller
- ② Hose guide
- ③ Hose adjustors
- ④ Start button
- ⑤ Stop button
- ⑥ Food pedal

TECHNICAL DETAILS

Dimensions	CM 70 F2	CM 100 F
Width (mm)	730	730
Depth (mm)	470	470
Height (mm)	900	900
Weight (Kg)	90	112
Blade diameter (mm)	250	300
Max. hose diameter (mm)	70	100
Blade speed (r/min)	3000	3000
Motor (kW)	2.2	4
Voltage (V)	380	380

INSTALLATION AND INTRODUCTION

1. FLOOR INSTALLATION

- ⇒ Leave at least 0,5 metres of free space behind the machine for service purposes.
- ⇒ Attach the rubber feet (4pcs) to the screw holes on the bottom in order to get the machine stand firmly in an upright position.
- ⇒ Install the hose guides (2pcs) on top of the machine. You can attach them either to the left or right side of the cutting blade.
- ⇒ Attach the adjustors (2pcs) on top of the machine, the way that both adjustors are as far from the cutting blade as possible.

2. ROTATION DIRECTION

- ⇒ Start the engine by pushing the start button (4), make sure that the blade rotates clockwise, if not, switch the cables **L1** and **L2**.

HOSE ADJUSTMENT

- ⇒ Adjust the wanted cutting angle of the hose with the help of the adjustors; the thicker the hose is, the further from the blade should be the adjustors.

NOTE! BOTH ADJUSTORS ALWAYS MUST BE KEPT AT THE SAME DISTANCE TO THE BLADE.

HOSE CUTTING

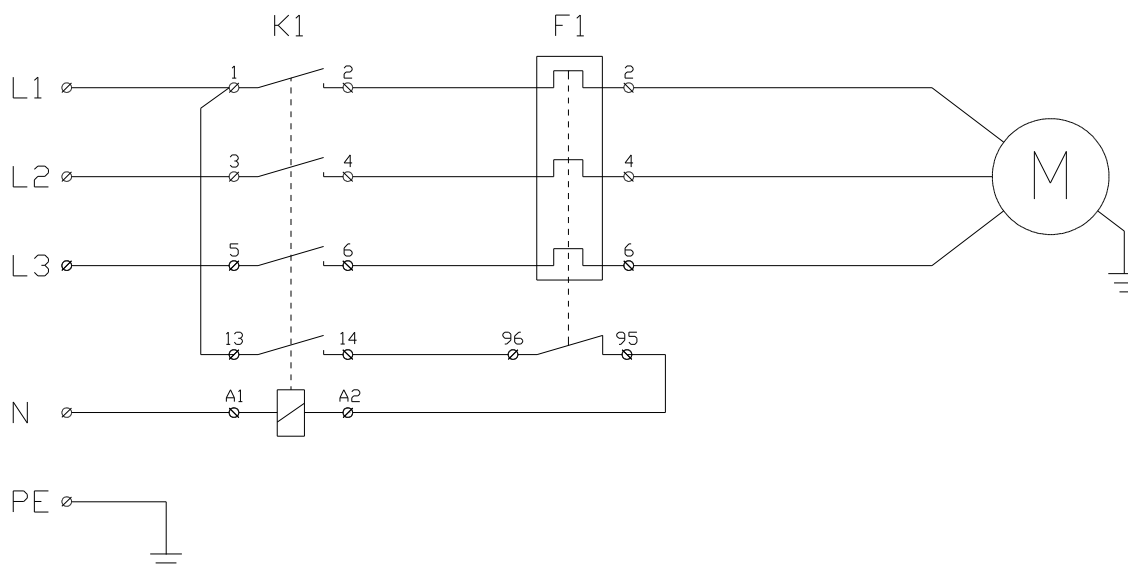
- ⇒ Start the engine; be aware of the rotating blade.
- ⇒ Set the hose against the hose guide and check that the hose is vertical to the blade.
- ⇒ Carry out the cutting by holding the hose with both hands from outside the adjustors and by pushing the foot pedal.
- ⇒ Don't cut the hose too fast in order to avoid stressing the engine and the blade too much.

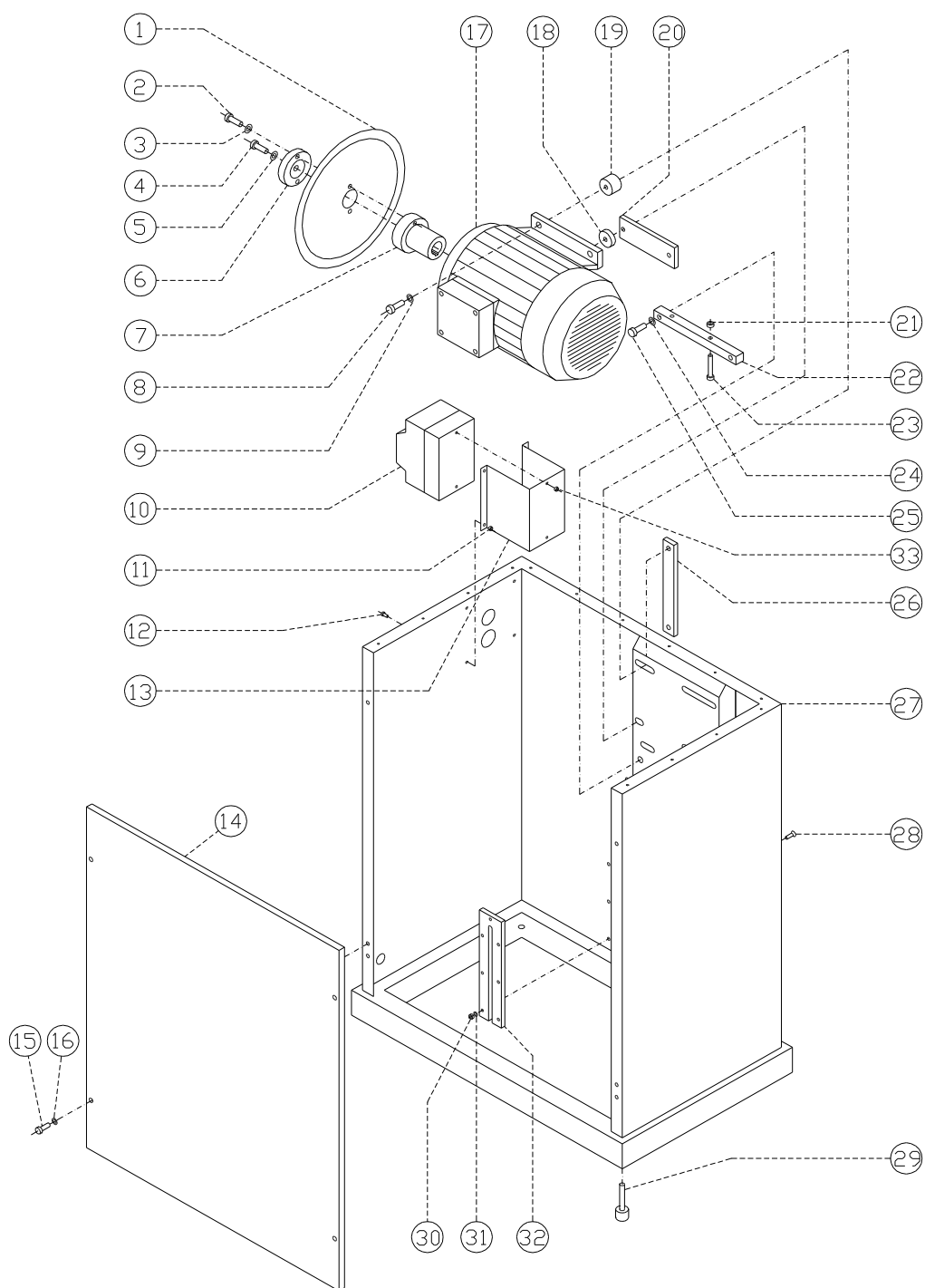
You get the best cutting results by steady, strong enough cutting speed and by doing so, your **CM 70 F2 CUTTING MACHINE** will last longer without unnecessary repairing.

SERVICE

- ⇒ Cutting the hose causes an easily flammable mixture of waste rubber and oil. That's why it is important to clean the machine from the inside regularly.
- ⇒ Open the back cover and do the cleaning.
- ⇒ Check the condition of the blade and if it has been damaged replace it immediately.

Electrical Diagram





CM 70 F2

Varaosaluettelo - Spare parts - Pieces détachées - Ersatzteile

Viite Ref. Ref. Ref.	Til no. Order number Ref. Commande Bestell Nr.	Kpl Pieces Nombre d'unité Anzahl	Nimitys Description	Description Name
1	05000022	1	Terä Blade	Lame Blatt
2	03408025	2	Ruuvi Screw	Vis Schraube
3	04308000	2	Aluslevy Washer	Rondelle Scheibe
4	03408030	1	Ruuvi Screw	Vis Schraube
5	04308000	1	Aluslevy Washer	Rondelle Scheibe
6	09000030	1	Laippa Flange	Bride Flansch
7	09000031	1	Laippa Flange	Bride Flansch
8	03408055	4	Ruuvi Screw	Vis Schraube
9	04308000	4	Aluslevy Washer	Rondelle Scheibe
10	06000044	1	Sähkökotelo El.Equipment	Equipement elec. El. Ausrüstung
11	04105000	4	Mutteri Nut	Ecrou Mutter
12	03705012	4	Ruuvi Screw	Vis Schraube
13	10000021	1	Kotelo Box	Boite Gehäuse
14	10000022	1	Kansi Plate	Plaque Platte
15	03408025	4	Ruuvi Screw	Vis Schraube
16	04308000	4	Aluslevy Washer	Rondelle Scheibe
17	08000005	1	Moottori Motor	Moteur Motor
18	09000032	2	Väliholkki Distance bushing	Douille Distanzbuchse

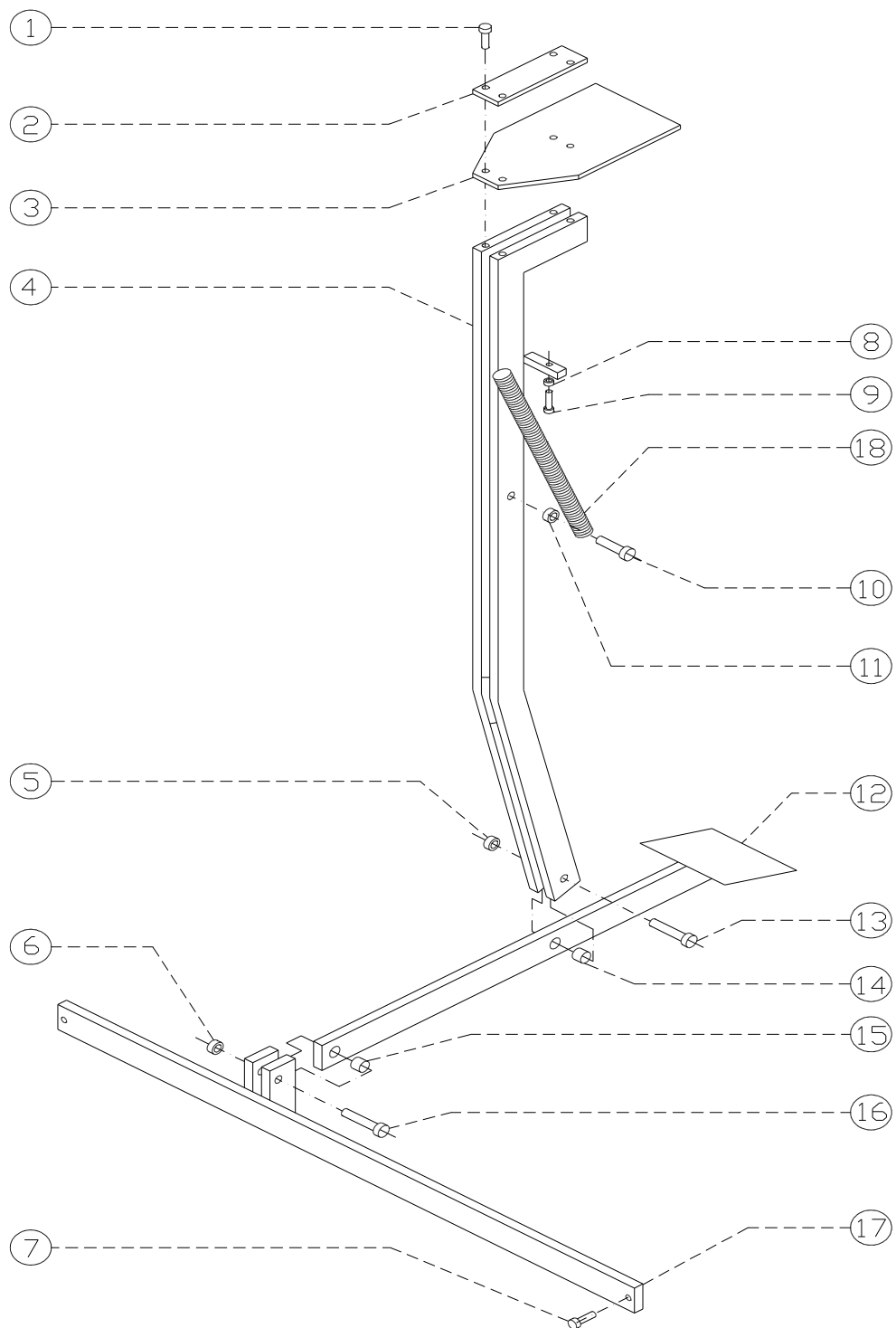
19	09000033	2	Väliholkki Distance bushing	Douille Distanzbuchse
20	10000023	1	Säätölatta Fitting plate	Plaque de fixation Passblech
21	04108000	2	Mutteri Nut	Ecrou Mutter
22	10000024	1	Säätölatta Fitting plate	Plaque de fixation Passblech
23	03300003	2	Ruuvi Screw	Vis Schraube
24	04310000	2	Aluslevy Washer	Rondelle Scheibe
25	03410025	2	Ruuvi Screw	Vis Schraube
26	10000025	2	Latta Plate	Plaque Blech
27	10000026	1	Kotelo Box	Boite Gehäuse
28	03806020	7	Ruuvi Screw	Vis Schraube
29	05000023	4	Säätöruuvi Fitting screw	Vis ajustable Passschraube
30	04106000	7	Mutteri Nut	Ecrou Mutter
32	11000006	1	Liukupala Bearing plate	Plaque fendue Lagerblech
33	04104000	2	Mutteri Nut	Ecrou Mutter

CM 100 F

Varaosaluettelo - Spare parts - Pieces détachées - Ersatzteile

Viite Ref. Ref. Ref.	Til no. Order number Ref. Commande Bestell Nr.	Kpl Pieces Nombre d'unité Anzahl	Nimitys Description	Description Name
1	05000028	1	Terä Blade	Lame Blatt
2	03408030	2	Ruuvi Screw	Vis Schraube
3	04310000	2	Aluslevy Washer	Rondelle Scheibe
4	03410060	1	Ruuvi Screw	Vis Schraube
5	04310000	1	Aluslevy Washer	Rondelle Scheibe
6	09000034	1	Laippa Flange	Bride Flansch
7	09000036	1	Laippa Flange	Bride Flansch
8	03412030	4	Ruuvi Screw	Vis Schraube
9	04312000	4	Aluslevy Washer	Rondelle Scheibe
10	06000045	1	Sähkökotelo El.Equipment	Equipement élec. El.Ausrüstung
11	04105000	4	Mutteri Nut	Ecrou Mutter
12	03705012	4	Ruuvi Screw	Vis Schraube
13	10000021	1	Kotelo Box	Boite Gehäuse
14	10000022	1	Kansi Plate	Plaque Platte
15	03408025	4	Ruuvi Screw	Vis Schraube
16	04308000	4	Aluslevy Washer	Rondelle Scheibe
17	08000006	1	Moottori Motor	Moteur Motor
18	-	-	-	-

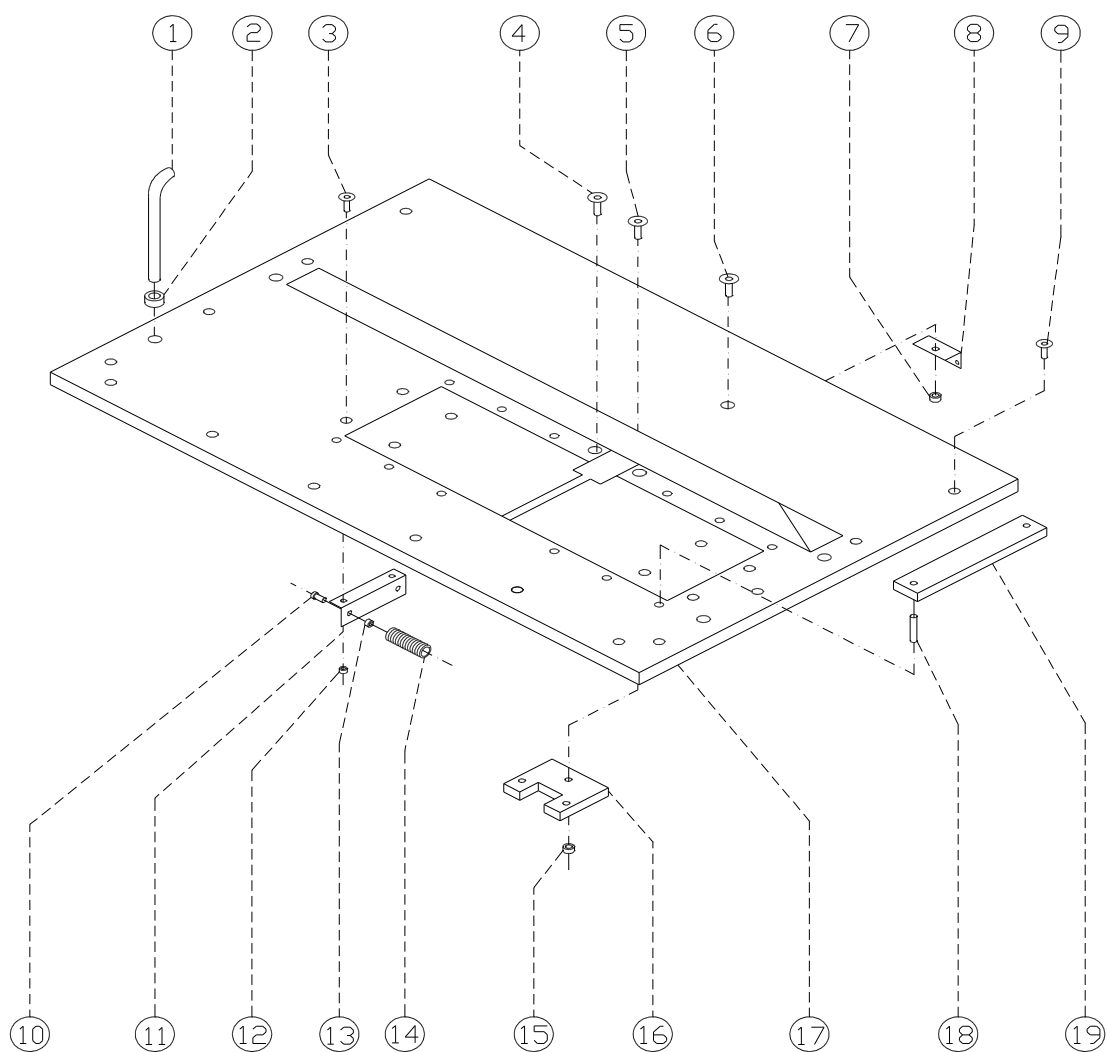
19	-	-	-	-
20	-	-	-	-
21	04108000	2	Mutteri Nut	Ecrou Mutter
22	10000024	1	Säätölatta Fitting plate	Plaque de fixation Passblech
23	03408060	2	Ruuvi Screw	Vis Schraube
24	04310000	2	Aluslevy Washer	Rondelle Scheibe
25	03410025	2	Ruuvi Screw	Vis Schraube
26	10000025	2	Latta Plate	Plaque Blech
27	10000026	1	Kotelo Box	Boite Gehäuse
28	03806020	7	Ruuvi Screw	Vis Schraube
29	05000023	4	Säätöruuvi Fitting screw	Vis réglable Passschraube
30	04106000	7	Mutteri Nut	Ecrou Mutter
31				
32	11000006	1	Liukupala Bearing plate	Plaque fendue Lagerblech
33	04104000	2	Mutteri Nut	Ecrou Mutter



CM 70 F2/CM 100 F

Varaosaluettelo - Spare parts - Pieces détachées - Ersatzteile

Viite Ref. Ref. Ref.	Til no. Order number Ref. Commande Bestell Nr.	Kpl Pieces Nombre d'unité Anzahl	Nimitys Description	Description Name
1	3506020	4	Ruuvi Screw	Vis Schraube
2	10000027	1	Kansi Plate	Plaque Platte
3	11000007	1	Suoja Cover	Capot Schutz
4	10000028	1	Painin Boom	Sonneur Arm
5	04208000	1	Mutteri Nut	Ecrou Mutter
6	04208000	1	Mutteri Nut	Ecrou Mutter
7	03506020	2	Ruuvi Screw	Vis Schraube
8	04105000	2	Mutteri Nut	Ecrou Mutter
9	03205020	2	Ruuvi Screw	Vis Schraube
10	03408025	2	Ruuvi Screw	Vis Schraube
11	04108000	2	Mutteri Nut	Ecrou Mutter
12	10000029	1	Poljin Pedal	Pédale Pedal
13	03408040	1	Ruuvi Screw	Vis Schraube
14	09000034	1	Holkki Bushing	Douille Büchse
15	09000034	1	Holkki Bushing	Douille Büchse
16	03408040	1	Ruuvi Screw	Vis Schraube
17	10000030	1	Kannatin Console	Console Träger
18	05000024	2	Jousi Spring	Ressort Feder



CM 70 F2/CM 100 F

Varaosaluettelo - Spare parts - Pieces détachées - Ersatzteile

Viite Ref. Ref. Ref.	Til no. Order number Ref. Commande Bestell Nr.	Kpl Pieces Nombre d'unité Anzahl	Nimitys Description	Description Name
1	05000025	2	Ohjaintappi Pin	Tige Zapfen
2	04110000	2	Mutteri Nut	Ecrou Mutter
3	03705012	8	Ruuvi Screw	Vis Schraube
4	03806020	2	Ruuvi Screw	Vis Schraube
5	03806025	1	Ruuvi Screw	Vis Schraube
6	03806020	1	Ruuvi Screw	Vis Schraube
7	04106000	1	Mutteri Nut	Ecrou Mutter
8	10000031	1	Kannatin Console	Console Träger
9	03705012	14	Ruuvi Screw	Vis Schraube
10	03204010	8	Ruuvi Screw	Vis Schraube
11	10000032	4	Kannatin Console	Console Träger
12	04105000	8	Mutteri Nut	Ecrou Mutter
13	04104000	8	Mutteri Nut	Ecrou Mutter
14	05000026	4	Jousi Spring	Ressort Feder
15	04106000	3	Mutteri Nut	Ecrou Mutter
16	11000007	1	Liukupala Plate	Plaque Lagerblech
17	10000033	1	Kansi Plate	Plaque Platte
18	05000027	4	Putkisokka Cotter Pin	Goupille fendue Spint
19	10000034	2	Säätöpala Fitting plate	Plaque de fixation Passblech