USER INSTRUCTIONS

MASTER MOBIL hydraulic

Order-No.: 111 800 000

update: 01/2012 - Signatory

janser

PROFESSIONAL FLOORING TECHNOLOGY

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1 RULES FOR SAVE OPERATION

Non observance of the symbols, which you can see in the instruction manual or on the machine, may result in serious injury or death for the user and other persons.
Read, understand and follow all the clues / hints, which are situated in the machine or in the instruction manual.

Commandment

Warning / Caution

Hint / Clue

Forbiddance/ Prohibition

1.1 Electric Connection

Always disconnect power plug before servicing.
Maintenance, replacement or adjustment of hydraulic fluid or other parts can cause serious injury or death to the user or other persons, if the machine is connected to the power supply system.

Keep the cable away from the blade to avoid damage of the cable.
Run over or damage of the cable can cause an electric shock.

The machine is constructed for inside-usage only.
Danger of electric shock. Do not expose the machine to water or rain.

Connection: power supply system – machine
Only to the given ranges on the type plate.
Check before usage.

Connection: cable – machine only with authorized cable.
Europe Cable – Type: HAR HO5VV-3x2,5 mm²
Connector / Plug – Type: 2P+T16A-250V
Using cables with to little average or excessive length can cause damage to persons and objects.

Elektctrical equipments like cables or plugs must be controlled / renewed by an authorized electrician.
Risk of injuries or fatalities by wrong electrical connection

Never operate with a damaged cable or connector.
Replacement of worn or damaged cables or connectors has to be effected by a specialist or a similar qualified person.

Improperly connecting the grounding wire can result in risk of electric shock.
Check with a qualified electrician if your in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the tool. Never remove the grounding prong from the plug. Do not use the tool if the cord or plug is damaged. If the plug will not fit the outlet, have a proper outlet installed by a qualified electrician.

Do not use machine when cable is damaged
Don't move the machine by dragging the cable. Utilization with a damaged cable can cause an electric shock.

1 RULES FOR SAVE OPERATION

1.2 Staff

The operator has to be instructed to the use of the machine before operating.
Non observance of the instruction manual before commissioning, adjustment or maintenance could cause serious injury to personal or objects.

Read unexceptionally all security statements. Be sure that type plate, security symbols as commandments, warnings, precautions and the directives are mounted / fixe to the machine.
Non observance of the directives inside this manual may cause serious injury or damage.

Always wear eye-protection, protective suit, dust-mouthguard / dust respirator and ear-protection during the usage of the machine. The noise that appears while removing flooring can be so intense that at long term use it may cause injury of the auditory tube. Working without appropriate security equipment, as for instance a protective suit, can injure eyes and body. Arising airborne dust may be inhaled when wearing no mouthguard.

Keep arms, feet and clothes away from the operating machine parts.
Moving parts of the machine can cause serious injury or damage.

1.3 Usage

Fluid under pressure is dangerous and can cause serious injury.
Leaking hydraulic fluid is not only unsightly, it's hazardous. In addition to making workplace floors slippery and dangerous, leaks also contaminate the environment. Our system runs at or below 83 bar. Never look for a leak when unit is under pressure. Only check and service when not under pressure.

Fluids under pressure can cause serious injury. If fluid punctures the skin, even if no pain is felt, a serious emergency exists. Obtain medical assistance immediately. Failure to do so can result in loss of the injured part or death.

Escape of hydraulic fluid
Pinhole: It can be almost invisible escaping from a pinhole, and it can pierce the skin into the body. Do not touch a pressurized hydraulic hose assembly with any part of your body. Leak: Keep hoses and fittings tight. Only check and service when not under pressure.
Never check for leaks over hose or hydraulic connections with any part of your body. Instead, use a piece of cardboard to locate a pressurized leak. For drips (low pressure leaks), use a rag to clean the area and determine where the leak originates.

Flammability of hydraulic fluids
With the exception of those compromised primarily of water, all hydraulic fluids are flammable when exposed to the proper conditions (including many "fire-resistant" hydraulic fluids). Leaking pressurized hydraulic fluids may develop a mist or fine spray that can flash or explode upon contact with a cause of ignition. These explosions can be very severe and could result in serious injury or death. Precautions should be taken to eliminate all ignition sources from contact with escaping fluids, sprays or mists resulting from hydraulic failures. Sources of ignition could be electrical discharges (sparks), open flames, extremely high temperatures, sparks caused by metal-to-metal contact.

2 PRODUCT INFORMATION

2.1 Technical Description

Hydraulic-Technology applied on the tried and tested Stripper-Features:
- Compared with other Strippers the "MASTER-MOBIL Hydraulic" works extremely quietly, allowing use in "working" environments
- Very easy operation achieved through automatic drive with forward and backward function
- Removeable weights for easier transport
- Virtually maintenance-free hydraulic components

2.2 Technical Specifications

Dimensions

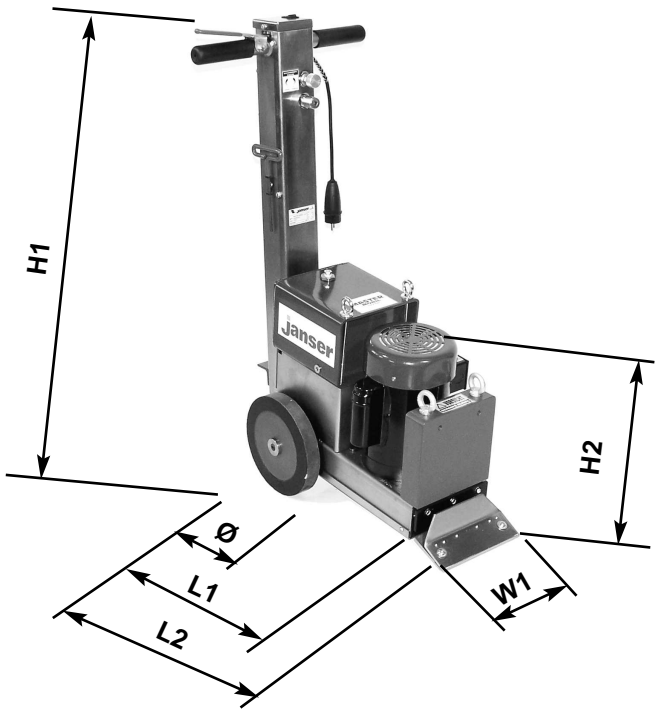
Height	H1	104 cm
	H2	50 cm
Length	L1	80 cm
	L2	62 cm
Wheel	Ø	22 cm
Width	W1	30 cm

Weight

Machine	93 kg (200 lbs)
Additional Top-weight	24 kg (52 lbs)

Motor

Power Supply	230V/50Hz
Motor Power	0,75 kW



2.3 Accessories

Standard

- Blades

#01, 152 x 102 x 1,6 mm	Order-Nr.: 111 800 101
#02, 152 x 127 x 1,6 mm	Order-Nr.: 111 700 102
#03, 254 x 76 x 1,6 mm	Order-Nr.: 111 800 103
#04, 145 x 102 x 1,6 mm	Order-Nr.: 111 800 104

- Extension Cable 10,0 m
- Assembly tools

Optional

- Additional Top-Weigh 24 kg	Order-No.: 111 800 420
- Loading Ramp (Aluminium, Lenght 2m foldable)	Order-No.: 111 700 900
- Swivel Head Attachement for permanent contact to the surface	Order-No.: 111 800 040

3 TRANSPORTATION

3.1 Loading / Unloading

Always remove all counterweights and blades before loading or unloading.

3.21 Lifting bail

See figure 3.2 - A

Easy loading when not driving or using a ramp. Location on lifting bails centrally locates the balance of the machine to safely pick-up the machine.

1. Use a rope, a hook system or a chain through the eyelets which are located on top of the machine.
2. Raise machine with a fork lift or a winch.

Keep hands and feet out from under machine.

FIGURE 3.2 A

3.21 Loading Ramp

See figures 3.2 - B and 3.2 - C.

Make sure the ramp is clean and dry, free of grease or oil.

1. Attach ramp securely to back of vehicle, making sure there is good contact.
2. Position machine at back of ramp, respectively at head of ramp.
3. Engage power switch and drive onto vehicle, respectively drive out of vehicle.

FIGURE 3.2 B

Lowering handle may be necessary for proper clearance into the back of smaller cars.

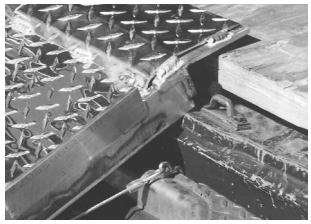


FIGURE 3.2 C

Make sure ramp is secure before using. Failure to do so could cause ramp to fall away from truck, causing damage to the machine and/or injury to the operator.

The Loading Ramp can fold up on the half for easier transport

See figure 3.2 - D

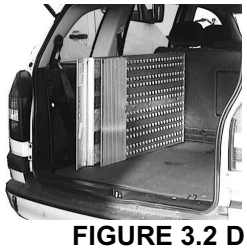


FIGURE 3.2 D

4 SETUP

4.1 Hydraulic fluid

Store Hydraulic Fluid in a dry, secured place!
Only use Hydraulic Oil or Compatible Fluid like IS032.
Non-compatible fluids could cause damage to unit or serious injury.

4.1.1 Hydraulic fluid level

When the machine is sitting in a normal operating position without a blade, fluid should be ca. 2,5 cm (1") from the top of the tank.

FIGURE 4.1 A

Check fluid level if there has been a leak, damaged or ruptured hose or a loose fitting.

Change the complete fluid once a year

4.1.2 Adding or changing hydraulic fluid

To add fluid, unscrew the filler port cap from top of the machine.

See figure 4.1 - A

To change fluid, remove the filler port cap. Remove drain plug from side of machine.

See figure 4.1 - B

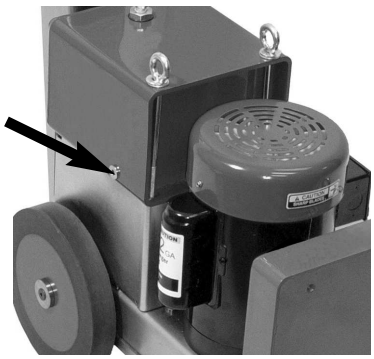


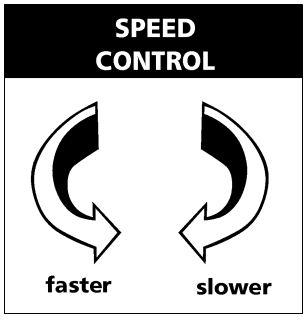
FIGURE 4.1 B

A container approximately ca. 5 litres in size will be needed to drain fluid into.

Machine has a straining system, but add fluid through a filter or funnel with a screen to keep fluid clean.

4.2 Speed control

Speed control knob can be adjusted while the machine is running



Turning speed control knob counter clockwise will make the machine run faster.

Turning speed control knob clockwise will make the machine run slower.

4 SETUP

4.3 Additional Top Weight

See figue 4.3 - A

Use the addtiional Top-Weight only as needed.

It is not necessary to have the top-weight on to use machine.

The weight is heavy, use caution when removing or remounting.

FIGURE 4.3 A

Fitting the weight

See figure 4.3 - B

Put the weight on the handle on the top of the machine and mount it with the fixing bolts

The fixing key is attached on the guide bar of the machine

FIGURE 4.3 B

4 SETUP

4.4 Blade

4.4.1 Blade Choice

Proper blade size and placement, depending on material and sub-floor type, affects performance.

- The harder a job comes up, for best results, use a smaller blade.
- Start with a narrow blade, then increase the blade size to optimize the cutting pass.
- Narrower blades work easier than wider blades.
- Narrower blades usually clean the floor better.
- Normally bevel on blade is up for concrete. Bevel down for wood or soft sub-floors.

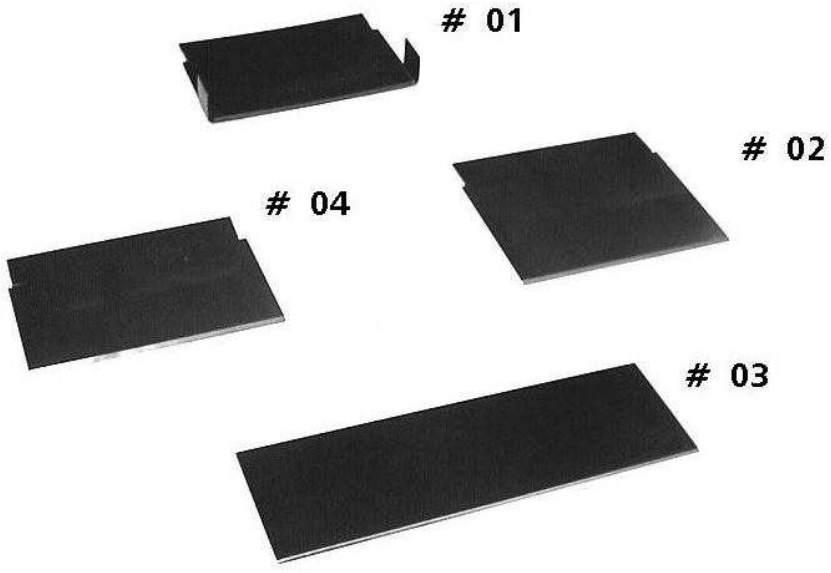
4.4.2 Blade Versions

Blade #01: 152 x 102 x 1,6 mm (6 x 4 x 0.062")
self-scoring blade for vinyl, carpet, linoleum, cork and other floors

Blade #02: 152x127x1,6 mm (6 x 5 x 0.062")
small for hard to remove surfaces e.g. epoxy, parquet, tough coatings

Blade #03: 254 x 76 x 1,6 mm (10 x 3 x 0.062")
ultra high quality spring steel for long blade life between sharpening.
Works for all glued down floors

Blade #04: 145 x 102 x 1,6 mm (6 x 4 x 0.062") especially for linoleum



Optional Attachment

Blade Holding Device:
Swivel Head
for permanent contact to the surface

4 SETUP

4.4 Blade

4.4.3 Blade Changing

Dull blades greatly reduce cutting ability. Re-sharpen or replace as needed

Always wear gloves when changing blades. Use supplied extended wrench to keep hand safely away from the edge of the blade.

1. Place a bock under the front of the machine.
   See figure 4.3 - A

2. Loosen the five hex head bolts with the extended bolt wrench and replace the blade.
   See figure 4.3 - B

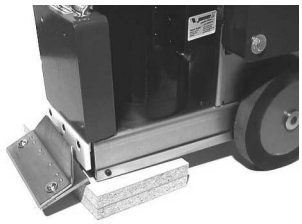


FIGURE 4.4 A

FIGURE 4.4 B

It is not necessary to remove the bolts.

Be sure that the blade is far enough under the blade-holder, to insure a secure hold.

4.4.4 Blade Sharpening

Always wear gloves and safety glasses.

FIGURE 4.4 C

It is not necessary to remove the bolts.

1. Sharpen the blade mounted to the machine.
   Using hand grinder, block up front of machine so blade is off the floor.

   Sharpen the blade with a 10 cm diameter disk with 120 or finer grit.

   Be careful not to catch disk on edge or corner of blade.

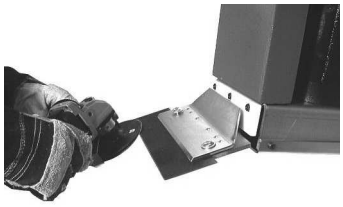


FIGURE 4.4 D

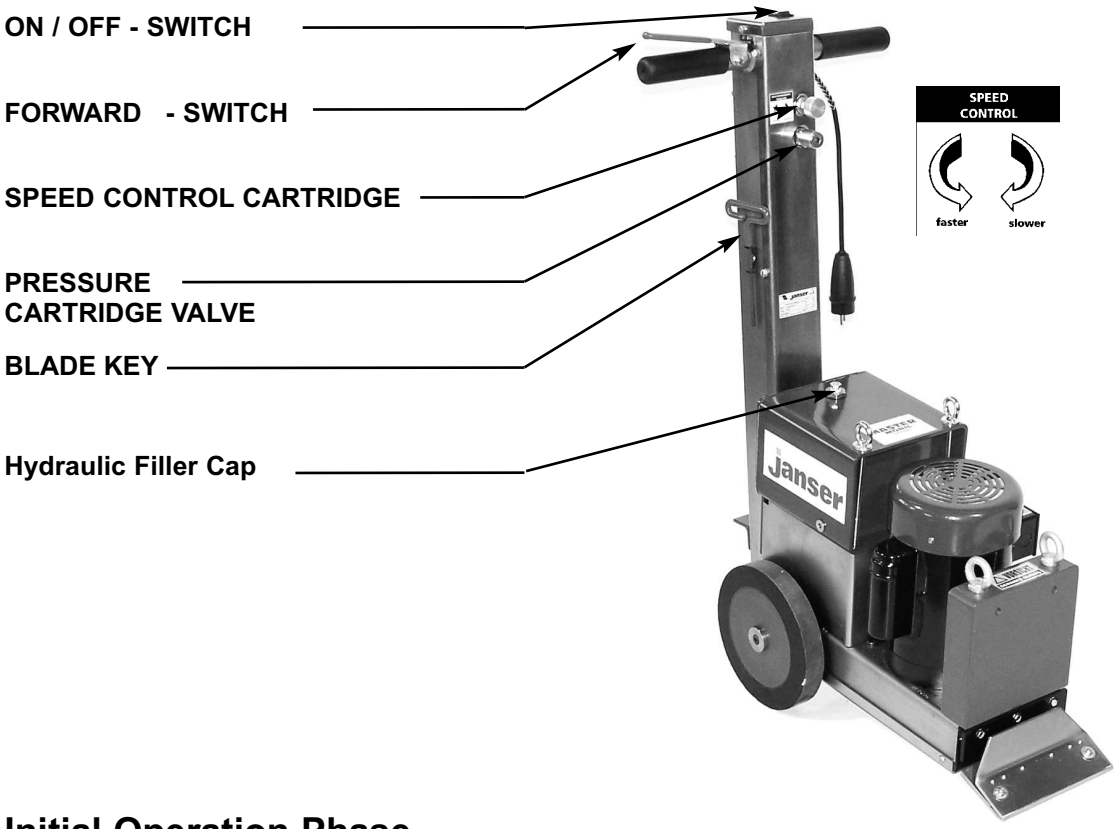
Blade bevel up, see figure 4.3 - C
Blade bevel down, see figure 4.3 - D
Using a good quality fine tooth hand file,
use same procedure as above, see figure 4.3 - C

2. Sharpen the blade separately at a vice.
   Furthermore there is the opportunity to remove the blade from the machine and to sharpen the blade at a vice, obeying the same procedure as shown in "1.".

FIGURE 4.4 E

5 OPERATION

5.1 Actuators



5.2 Initial Operation Phase

The machine must be off before plugging the machine into power source.

1. Plug machine into outlet.
2. Turn speed control to slowest position.
3. Turn the machine on.
4. Engage forward switch.
5. Increase speed control to desired speed.

The pressure valve has been factory set and should not be tampered with.

Do not lock the wheel drive into a permanent position.
If the operator would lose control or be disabled, the machine continues to operate.

5 OPERATION

5.3 Types of tearouts

Keep blades sharp!
Keep your work area clean and clear of debris.

Always wear eye- and ear- protection when working with the machine.

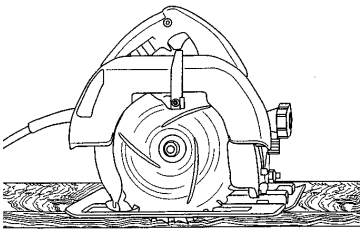


FIGURE 5.3 A

5.3.1 Wood and Wood like floors

Pound down or remove any nails or metal obstruction to avoid blade damage.

Glued hard wood flooring
A 25 cm blade is recommended for regular adhesive, a 15 cm blade for epoxy.

For proper removal of hardwood flooring (plank solid, plank laminated, parkay, parquetry laminated).

See figure 5.3 - A and 5.3 - B

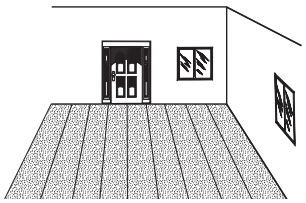


FIGURE 5.3 B

True parkay flooring scoring is not necessary.
It will come up in small pieces.

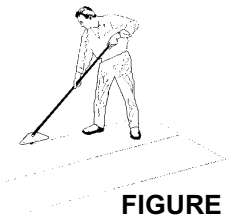


FIGURE 5.3 C

5.3.2 Vinyl-, Rubber, PVC, Direct Glued Carpet

Goods will need to be scored down for proper removal.

See figure 5.3 - C and 5.3 - D

For best results use the scoring machine "JAMAS"

FIGURE 5.3 D

5.3.3 VCT - Tile

Never use a blade wider than the size of the tile being removed.

If goods being removed still do not come up clean or the machine jumps on top of goods, reduce blade size to a smaller blade until proper blade size is found or use a smaller portion of the blade.

FIGURE 5.3 E

Blades can be offset in cutting head for easier access to toe kicks or removal along the wall.

See figure 5.3 - E and 5.3 - F

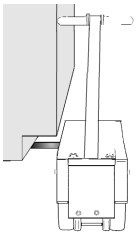


FIGURE 5.3 F

5 OPERATION

5.4 Subfloor Surfaces

5.4.1 Soft Subfloor Surfaces

When working over plywood sub-flooring, try to run machine in the same direction as the grain in the wood. Blade in most cases bevel down.

On solid wood floors like plank, run in the same direction as the plank, not cross grain or cross plank.

Removing the front counterweight will help on all soft surfaces.

5.4.2 Hard Subfloor Surfaces

Concrete
When working on concrete slab, normal blade position is bevel up for best performance, especially when cleaning adhesive. On occasion, bevel down gives better blade life.

Gibcrete and Soft Poured Flooring
Usually require blade level down to create a better wearing surface, although bevel up may work if front counterweight is removed.

Beware of expansion joints and floor mounted receptacles or other obstacles in the floor.

6 MAINTENANCE

6.1 Inspection Procedure Hydraulic

Always turn off and unplug electrical source before servicing.

Place equipment and components in a safe and neutral position.

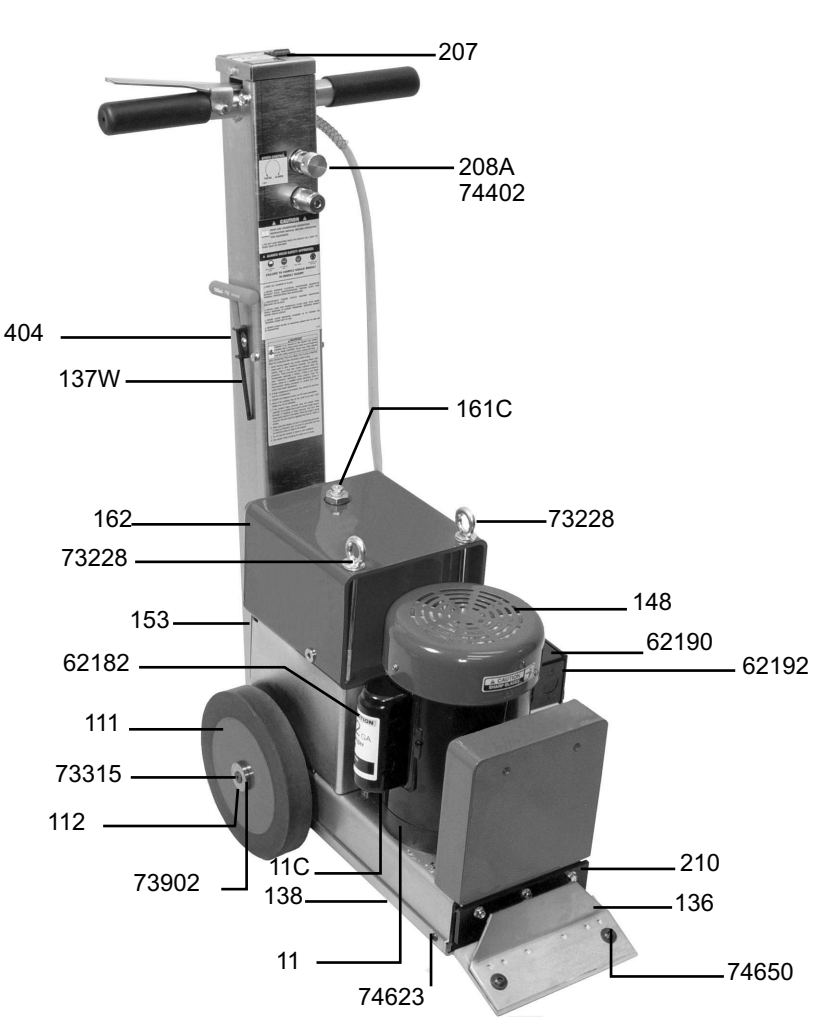
6.2 Adding or Changing Hydraulic Fluid

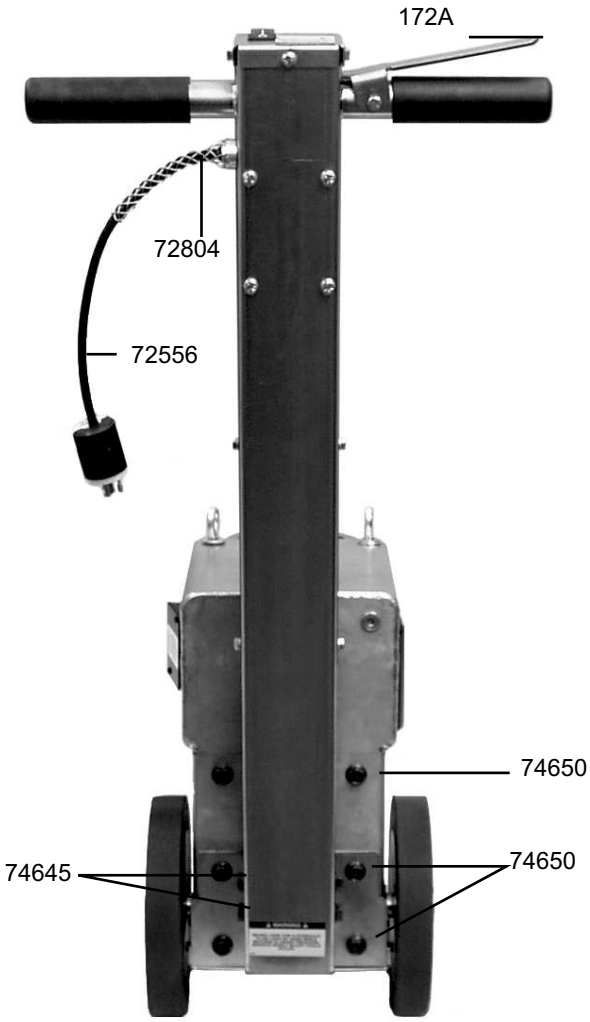
Occasionally blow out the Filler Port Cap filter to remove debris.

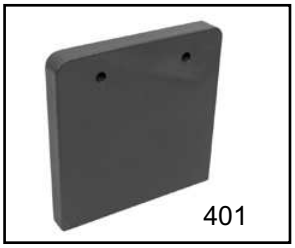
Add fluid only when needed, see fluid level sight window.
See chapter 4.1.1 / 4.1.2 - page 9

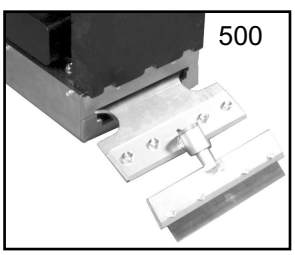
Change fluid at least once a year.
See chapter 4.1.2 - page 9

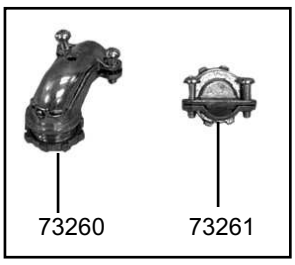
7 SPARE PARTS - Drawing











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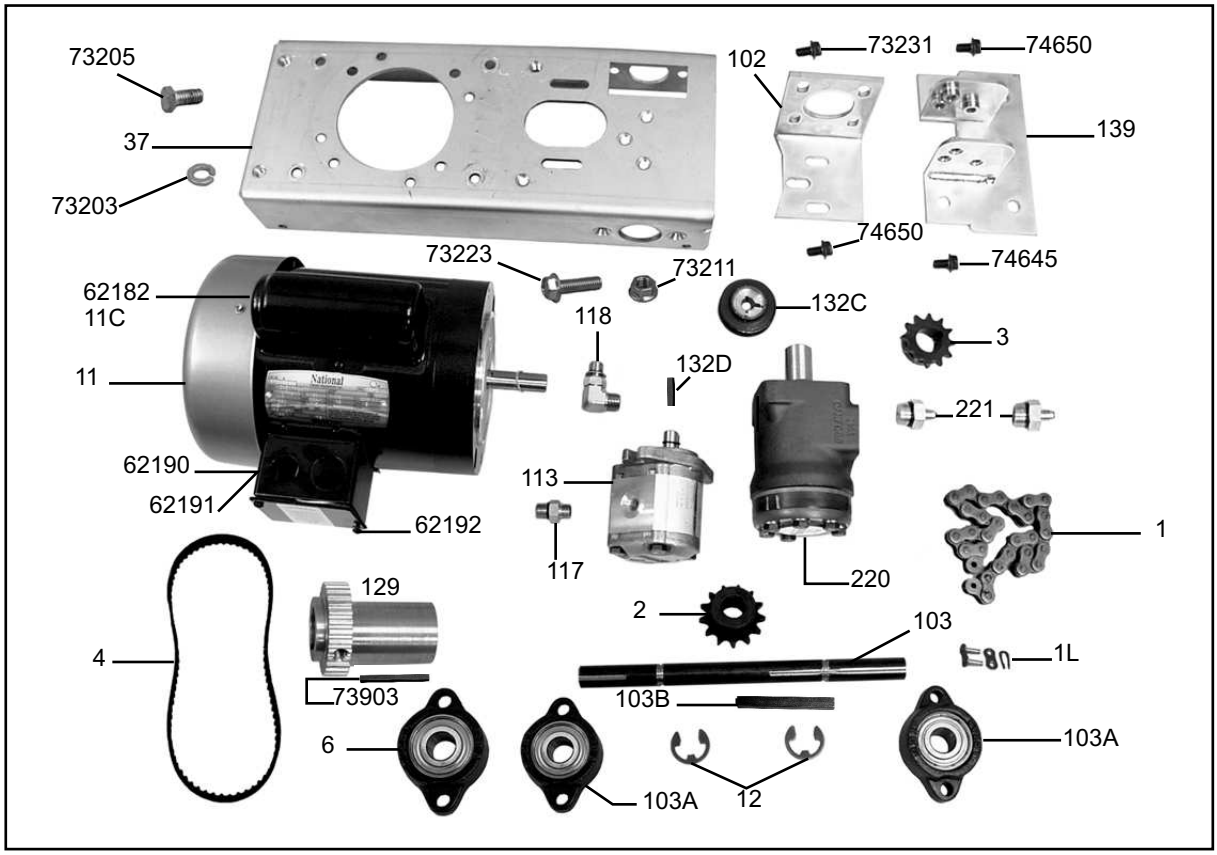
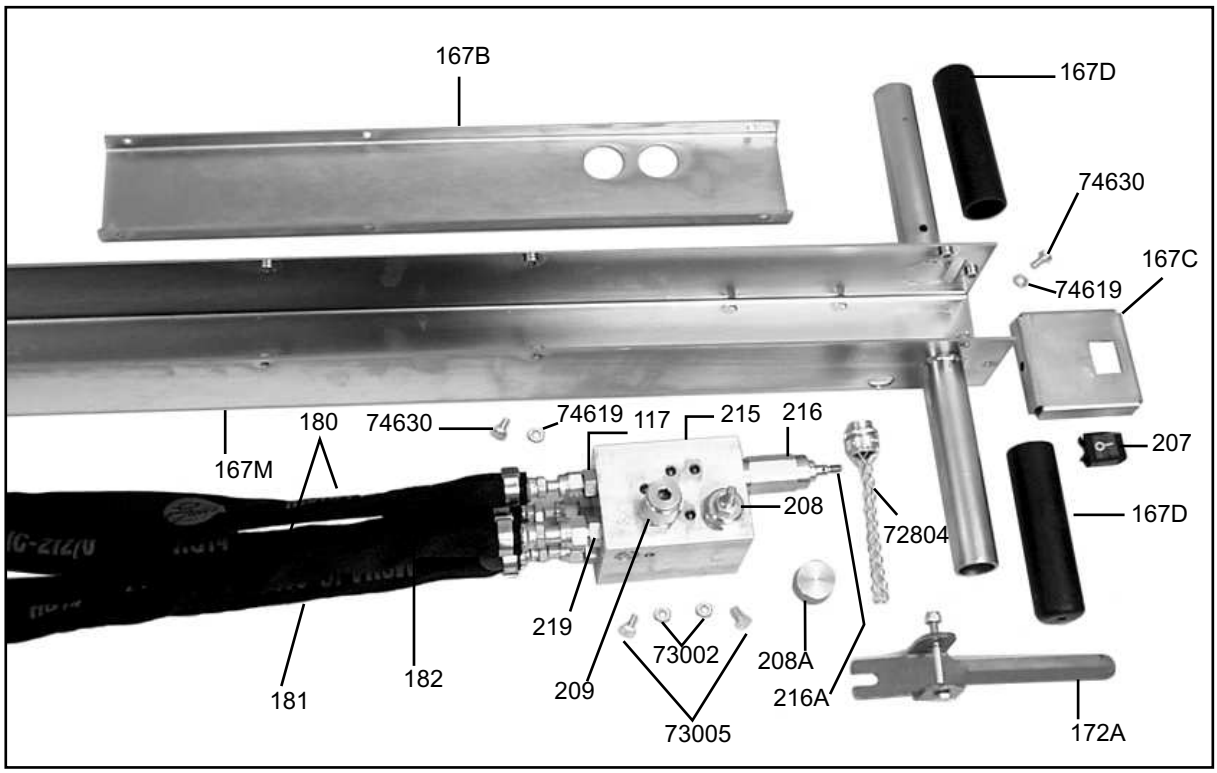
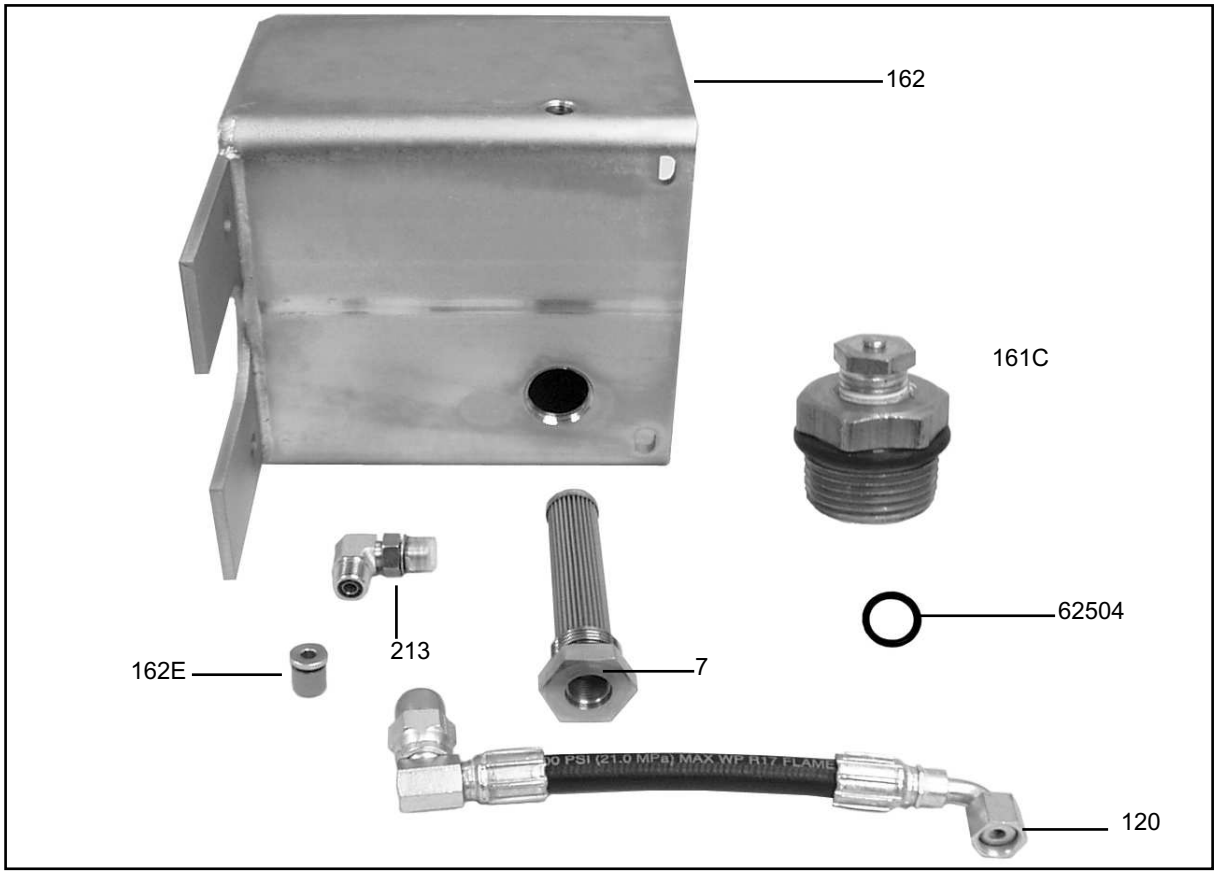
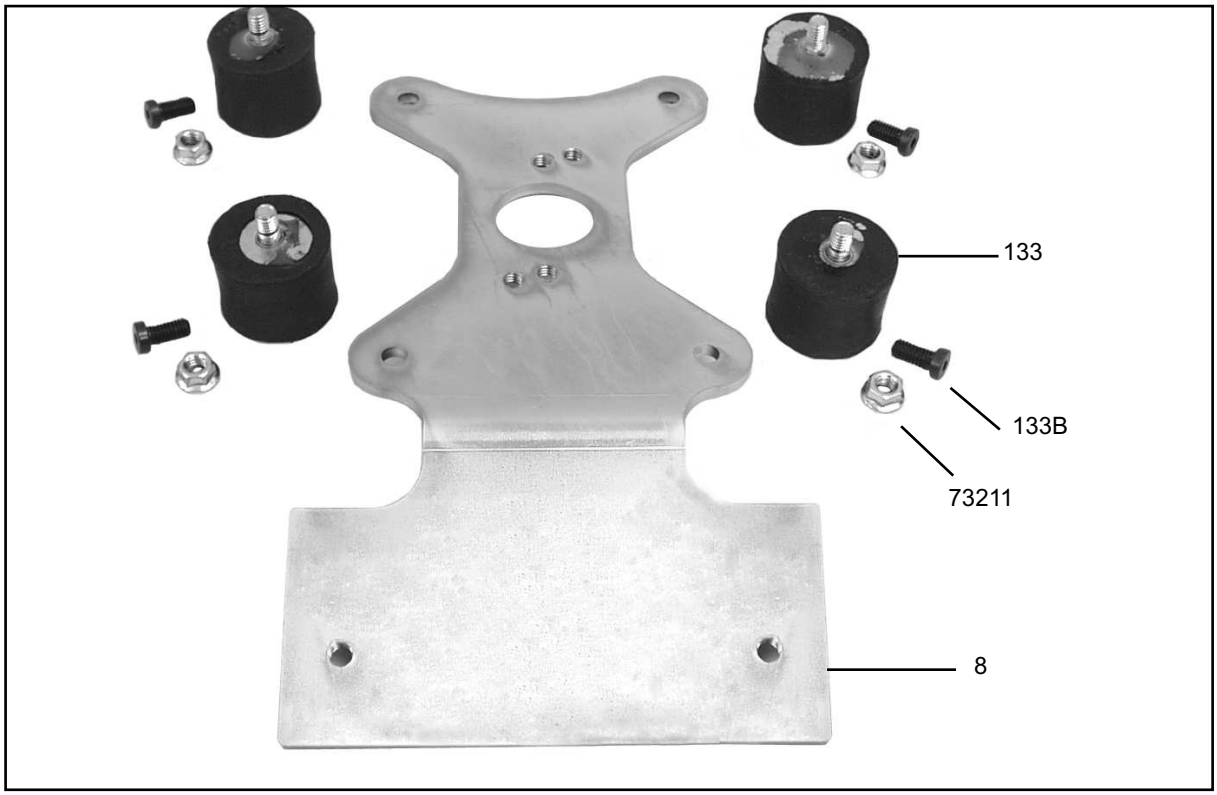




7 SPARE PARTS - Drawing





7 SPARE PARTS - List

Pos	Description	Order-No.
5280-1	Drive Chain 40 Strand	111800020
5280-1L	Master Link	111800021
5280-2	Axle Sprocket 40 bs 13 x 3/4"	111800044
5280-3	Hydraulic Motor Sprocket 40 bs 12 x 1	111800026
5280-4	Pump Drive Belt	111800045
5280-7	Tank Mounted Strainer	111800046
5280-8	Cutting Head	111800004
5280-9	Wheel Spacer	111800047
5860-6	Eccentric Flange Bearing 2 Bolt 1 - 1/4"	111800029
5280-11	Motor Mastermobil	111800090
5280-12	Axle Clip 1000-087 st	111800032
5280-37	Base Plate	111800048
5280-102	Hydraulic Motor Bracket	111800052
5280-102C	Hydraulic Motor Bracket 10m Lock Washer	111800055
5280-103	Drive Axle	111800056
5280-103A	Axle Flange Bearing 3/4"	111800057
5280-111	Drive Wheel	111800060
5280-112	Wheel Cap	111800061
5280-113	Hydraulic Pump	111800023
5280-117	Pressure Hose to Pump Connector	111800024
5280-118	Suction Hose to Pump Connector	111800025
5280-120	Suction Line	111800009
5280-121	Tank Return Fitting	111800007
5280-129	Eccentric	111800031
5280-132A	Pump Bearing Bracket	111800063
5280-132C	Pump Pulley	111800027
5280-133	Cutting Head Support	111800001
5280-133B	Cutting Head Support Lowhead Bolt	111800002
5280-136	Blade Cover	111800050
5280-137W	Blade Wrench	111800065
5280-138	Bottom Plate	111800066
5280-139	Handle Adjustment Bracket	111800068
5280-139C	Handle Vibration Isolator	111800071
5280-148	Motor Fan Cover	111800072
5280-149	Motor Fan	111800073
5280-151	Motor Capacitor	111800043
5280-153	Main Upper Body	111800074
5280-161A	Filler Cap O-Ring	111800006
5280-161C	Hydraulic Tank Filler Port Cap	111700012
5280-162	Hydraulic Tank Body	111800075
5280-162E	Drain Plug/Oil Level Plug	111800008
5280-167	Handle Assembly	111800077
5280-167B	Handle Body Cover	111800078
5280-167C	Handle Switch Plate	111800079
5280-167D	Handle Bar Grip	111800080
5280-172A	Handle Lever	111800010

7 SPARE PARTS - List

Pos	Description	Order-No.
5280-180	Motor Line	111800017
5280-181	Pressure Line	111800018
5280-182	Return Line	111800019
6280-207	On/Off Switch 220 Volt	111700013
5280-208	Speed Control Cartridge	111800013
5280-208A	Speed Control Knob Only	111800014
5280-209	Pressure Cartridge Valve	111800015
5280-210	Front Shield	111800087
5280-215	Manifold Block Assembly	111800033
5280-216	Valve Cartridge	111800011
5280-216A	Valve Cartridge Nut	111800012
5280-219	Valve Body Fitting	111800091
5280-220	Hydraulic Motor	111800022
5280-220B	Hydraulic Motor Woodruff Key 1/4 x 1	111800093
5280-221	Hydraulic Motor Connector	111800094
5280-401	Additional weight 12kg	111800410
6280-404	Blade Wrench Holder	111700283
5280-500	Swivel Head Attachment	111800040
62182	Capacitor Cover	111800096
62190	Electric Box	111800097
62191	Electric Box Cover	111800098
62192	Electric Box Cover Screws	111800099
72556	Power Cord	111700190
72804	Power Cord Strain Relief	111700214
73002	Handle Bar Split Lock Washer 1/4	111700195
73005	Valve Block Bolt 1/4 - 20 x 1/2	111800088
73203	Base Plate Washer 3/8	111800051
73205	Base Plate Bolt 3/8 - 16 x 3/4	111800049
73211	Cutting Head Support Wizlock 3/8 Nut	111800003
73223	Hydraulic Pump Bolt 3/8 - 1 - 1/4 x 16	111800058
73228	Lifting Bail Eyebolt 3/8 - 16 x 8	111800095
73231	Hydraulic Bracket to Motor Button Head	111800092
73260	90 Cable Connector 3/8	111800085
73261	Straight Cable Connector 3/8	111800084
73315	Wheel Securing Bolt	111800086
73902	Wheel Key 3/16" x 1 - 1/8"	111800062
74619	Handle Cover Washer m 6	111800082
74623	Bottom Plate Bolt 6mm x 1	111800067
74630	Handle Cover Bolt m 6 x 12mm	111800081
74645	Handle Bracket Mounting Bolt m 10 x 16	111800069
74650	raised-head screw 10.9 M10*2	003510025

version 2008

DECLARATION OF CONFORMITY CE

We

Janser GmbH
Maschinen- und Gerätebau
Böblinger Straße 91
71139 Ehningen
GERMANY

declare under our responsibility that the product

Machine type	**Hydraulic Stripper**
Model	**MASTER MOBIL**
Order-No.	111 800 000
Serial-No.	_____
Year of manufacture	_____

comply with the EU-Directrives

Machinery directive 2006/42/EC

in accordance with with following standards

EN ISO 12100

authorised person for compilation of technical documents:

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