DAKE
a Laguna Tools Company

DAKE MANUAL COLD SAW

Technics 350 CE

(Frequency driven motor only)

INSTRUCTIONAL MANUAL

⚠WARNING!

Read and understand all instructions and responsibilities before operating. Failure to follow safety instructions and labels could result in serious injury.

Dake Corporation
1809 Industrial Park Dr.
Grand Haven, MI 49417

Phone: 800.937.3253

www.dakecorp.com

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DAKE STANDARD LIMITED WARRANTY

Finished Machines

Dake warrants to the original purchaser the finished machine manufactured or distributed by it to be free from defects in material and workmanship under normal use and service within 1 year (12 months) from the delivery date to the end user.

Parts

Dake warrants to the original purchaser the component part manufactured or distributed by it to be free from defects in material and workmanship under normal use and service within 30 days from the delivery date to the end user.
The standard limited warranty includes the replacement of the defective component part at no cost to the end user.

Sale of Service (Repairs)

Dake warrants to the original purchaser the component part repaired by Dake Corporation at the manufacturing facility to be free from defects in material and workmanship under normal use and service within 90 days from the return date to the end user, as it pertains to the repair work completed. The standard limited warranty includes repair of the defective component part, at no cost to the end user.

Warranty Process

Subject to the conditions hereinafter set forth, the manufacturer will repair or replace any portion of the product that proves defective in materials or workmanship. The manufacturer retains the sole right and option, after inspection, to determine whether to repair or replace defective equipment, parts or components. The manufacturer will assume ownership of any defective parts replaced under this warranty.
All requested warranty claims must be communicated to the distributor or representative responsible for the sale. Once communication has been initiated, Dake Customer Service must be contacted for approval:

Phone: (800) 937-3253
Email: customerservice@dakecorp.com

When contacting Dake, please have the following information readily available:

- Model #
- Serial #
- Sales Order #

Purchasers who notify Dake within the warranty period will be issued a Case number and/or a Return Material Authorization (RMA) number. If the item is to be returned per Dake's request, the RMA number must be clearly written on the exterior packaging. Any item shipped to Dake without an RMA will not be processed.

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Warranty Exceptions:

The following conditions are not applicable to the standard limited warranty:

(a) Part installation or machine service was not completed by a certified professional, and is not in accordance with applicable local codes, ordinances and good trade practices.
(b) Defects or malfunctions resulting from improper installation or failure to operate or maintain the unit in accordance with the printed instructions provided.
(c) Defects or malfunctions resulting from abuse, accident, neglect or damage outside of prepaid freight terms.
(d) Normal maintenance service or preventative maintenance, and the parts used in connection with such service.
(e) Units and parts which have been altered or repaired, other than by the manufacturer or as specifically authorized by the manufacturer.
(f) Alterations made to the machine that were not previously approved by the manufacturer, or that are used for purposes other than the original design of the machine.

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RETURN & REFUND POLICY

Thank you for purchasing from Dake! If you are not entirely satisfied with your purchase, we are here to help.

Returns

All Dake manufactured / distributed machines, parts and couplings include a 30-day return option. These policies are valid from the date of final shipment to the end user.

To be eligible for a return, the item must be unused and in the same condition as received.

All requested warranty claims must be communicated to the distributor or representative responsible for the sale. Once communication has been initiated, Dake Customer Service must be contacted for approval:

Phone: (800) 937-3253
Email: customerservice@dakecorp.com

Once the return request has been approved by Customer Service, a representative will supply a Return Material Authorization (RMA) number. The returned item must have the provided RMA number clearly marked on the outside packaging. Any item received without an RMA number clearly visible on the packaging will not be processed.
An RMA number can only be provided by the Dake Customer Service team and must be obtained prior to the return shipment.

Refunds

Once the item has been received and inspected for damages, a representative will notify the requestor referencing the provided RMA number.

If the return is approved, a refund will be issued to the original method of payment, less a 20% restocking fee. The restocking fee may be waived if an order is placed at the time of return with like-value merchandise.

Transportation costs are the responsibility of the end user and will not be credited upon return approval.

Any item that is returned after the initial 30 days or has excessive/obvious use will not be considered for a full refund.

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SPECIFICATIONS

Model	Technics 350CE	**Maximum feed vise opening**	n/a
Number	974029-2	**Slotting**	Yes
Voltage	220V	**Maximum angle**	45° left/right; 90° right for slots
Phase	3	**Weight**	650 lbs
Horsepower	3.5 HP	**Work Height**	40”
Speeds	22-88 RPM	**Height**	79”
Max blade diameter	14”	**Base**	27” x 39”

CUTTING CAPACITY

	●	○	□	▭
90°	3-3/8”	4-3/4”	4-1/8”	6-1/4” x 3-1/2”
45°	2-7/8”	4”	3-3/8”	3-3/8” x 2-3/4”

In the space provided record the serial number and model number of the machine. If contacting Dake this information must be provided to assist in identifying the specific machine.

Serial No.	
Model No.	
Date Purchased:	

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SAFETY

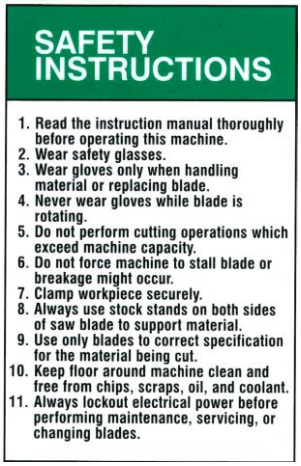
This is the safety alert symbol. When you see this symbol on your machine be alert to the potential for personal injury.

Carefully read all safety messages in these instructions and on your machine safety signs. Keep safety labels in good condition. Replace missing or damaged labels.

Employer is responsible to perform a hazard/PPE assessment before work activity.

Label Part No. 84395

Label Part No. 76462



Label Part No. 84605

Label Part No. 82199

WARNING: This product contains Nickel, a chemical known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

Additional Safety Warnings:

- This machine is intended to be operated by one person. This person should be conscious of the machine movement not only for themselves but also for persons on the immediate area of the machine.
- Never have several objects in your hands at once and keeps hands as clean as possible.
- This machine has been built to comply with national accident prevention regulations. Improper use and/or tampering with the safety devices will relieve the manufacturer of all responsibility.
- All internal and/or internal operation, maintenance or repairs, must be performed in a well-lit area or where there is sufficient light from extra sources so as to avoid the risk id even light accidents.
- It is forbidden to disconnect the “man present” device, known more correctly as the “safety switch with hold-down action”.
- Check that the voltage indicated on the plate, normally fixed to the machine motor, is the same as the line voltage.
- Check the efficiency of your electric supply making sure the machine has its own grounded circuit.
- Do not operation machine without safety guards or with the electrical panel cover removed.
- Then the tool head is in rest position (raised), the toothed blade must be stationary.
- Always disconnect the machine from the power socket before changing the blade or carrying out any maintenance job, even in the case of abnormal machine operation.
- Do not operate this machine without the handle and/or handle switch disconnected.
- Always wear OSHA approved safety glasses when operating this machine.
- Never put your hands or arms into the cutting area while the machine is operating.
- Do not shift or move machine while the machine is in operation.
- Do not wear loose clothing with sleeves that are too long, gloves, bracelets, rings, watches, chains, or any other object that could get caught in the machine during operation; tie back long hair.
- Keep the machine bed free from tools or any object, while the machine is in operation.

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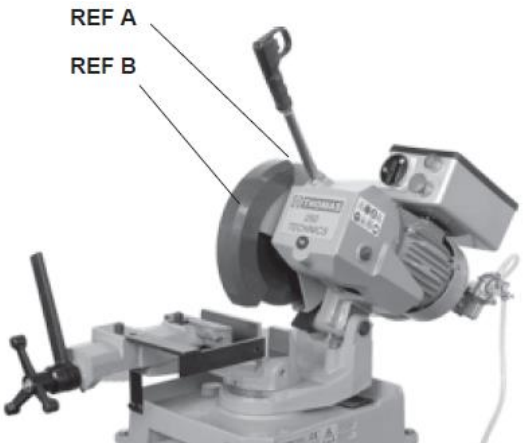
Locations of shields:

- Grey metal shield screwed onto the blade head. (REF. A)
- Self-regulating mobile blue plastic shield fitted coaxially with the fixed shield. (REF. B)
- Black plastic cover, covering the electrical supply box.



picture may vary by model

Electrical Equipment:

According to European Standard “CENELEC EN 60 204-1” which simulates modification, publication (IED 204-1)

- The electrical equipment ensures protection against electric shock as result of direct or indirect contact. The active parts of this equipment are housed in a box so that access is limited by screws can only be removed with a special tool; the parts are fed with alternating current at low voltage (24V).
- This equipment is protected against splashes of water and dust.
- Protection of the system against short circuits is ensures by means of rapid fuses and earthing; in the event of motor overload, protection is provided by thermal probe.
- In the event of incorrect operation or of dangerous conditions, the machine may be stopped immediately by pressing the red emergency stop button.
- In the event of a power cut, the specific start-up button must be reset.
- This machine has been tested in conformity with point 20 of EN 60204.

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SET UP

TRANSPORTING AND ANCHORING

⚠ When you receive your machine, you will need a forklift for transporting. When lifting the machine, a sling or original shipping pallet needs to be used.

Position the machine on a firm cement floor, keeping a minimum distance from 2-1/2 feet from any wall. Anchor it to the ground using screws and expansion plugs or tie rods sunk in the cement, ensure it is sitting level before anchoring.

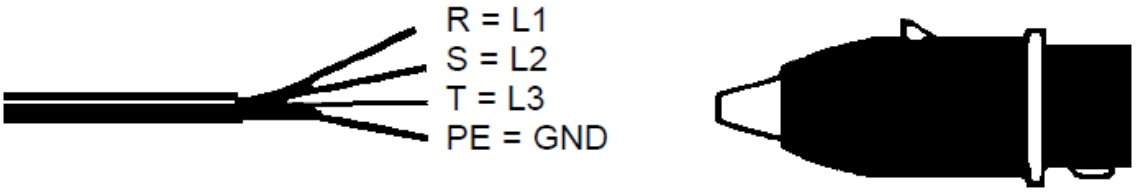
Minimum requirements for working environment of the machine:

- Main voltage and frequency complying with the machine motor characteristics.
- Environmental temperature from 15°F to 120°F, (-10°C to +50°C).
- Relative humidity no higher than 90%.

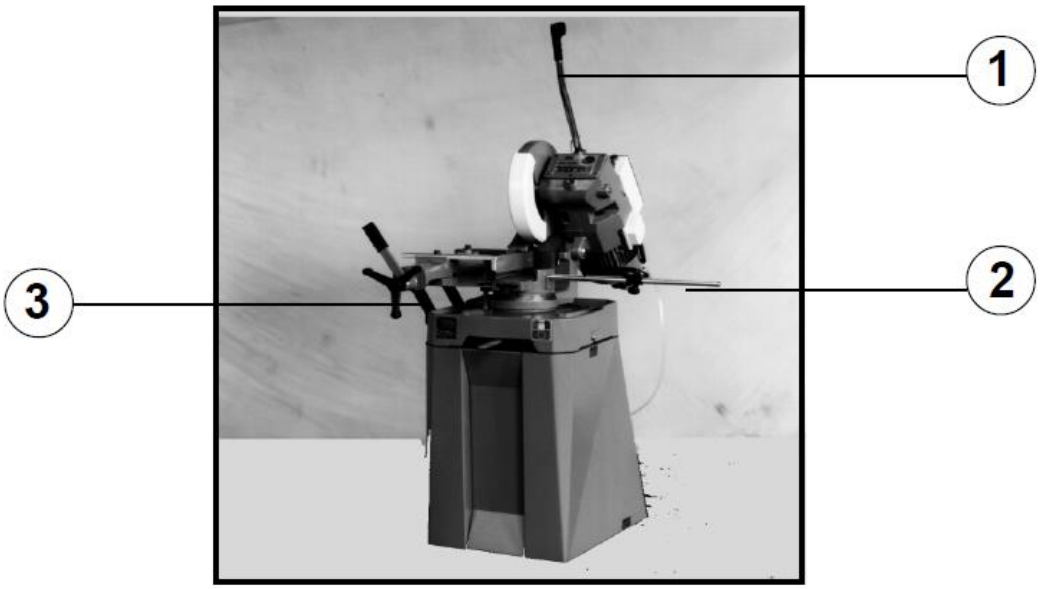
ELECTRICAL CONNECTION

The machine is not provided with an electrical plug, so the customer must find a suitable one for working conditions. Machine should be wired by professional electrician.

Three-Phase machine wiring diagram below:



ASSEMBLING THE MACHINE



Fit the components supplied as indicated in the above diagram:

Part 1: Screw the trigger handle into the head (main casting) and use the provided nut to tighten it firmly in place as shown in the picture.

Part 2: Screw the cut length stop rod into the right-hand side of the vise casting as shown in the picture, use the provided nut to tighten firmly in place.

Part 3: Attach and align the work support bracket on the left-hand side of the saw base using the two bolts provided

CHOOSING A BLADE

The saw will come with a “DAKE Saw Pitch Calculator” to assist in blade selection.

First the pitch of the teeth must be chosen, suitable for the material to be cut, according to these criteria:

- Parts with a thing and/or variable section such as profiles, pipes, and plates, need fine toothing, so the number of teeth used simulations cut.
- Parts with solids sections need wide spread toothing penetration.
- Material made of soft plastic, light alloys and mild bronze also require coarse toothing.
- If still unsure what blade to purchase contact your blade provider or DAKE.

OPERATION

Use recommendations:

- This machine has been designed to cut metal building materials with different shapes, profiles used in workshops and mechanical structural work.
- Only one operator is needed to use the machine.
- Before starting each cutting operation, ensure that the part is firmly gripped in the vise and that the end is suitably supported.
- To obtain good running of the machine it is recommended to start using it in intervals of a half hour. This operation should be repeated two or three times, after this the machine may be used continuously.
- Do not use cutting blades of a different size from those stated in the specifications section.
- If the cutting blade gets stuck in the work piece, release the blade ON button immediately, switch off the machine and open the vise slowly. Remove the part and make sure that the cutting blade and/or teeth are not damaged or broken.
- Before carrying out any repairs on the machine, consult the distributor or DAKE.
- Move head to the full upright position when not in use, helps avoid stress on the return spring.

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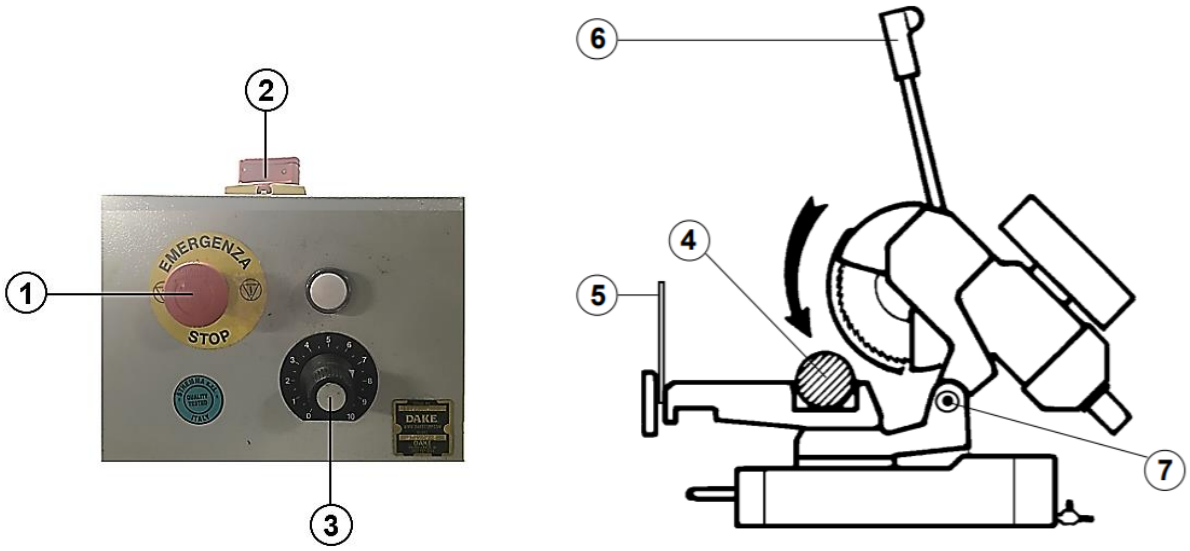
STARTING AND CUTTING



1. Ensure that the machine is not in emergency stop conditions; if it is, release the red emergency stop button (1).
2. Turn the start switch to the on position (2), and the power indicator light will light up green.
3. Place material to be cut in the vise (4), close jaws against material keeping a distance of 3-4mm then clamp with vise lever (5).
4. Grip the handle (6) of the head control arm and press the button, checking that the blade is turning in the direction indicated (if not, invert the two phase leads), and that sufficient coolant is coming out.
5. Turn variable speed dial (3) to desired speed. ⚠ **DO NOT ADJUST SPEED UNTIL BLADE IS RUNNING!**
6. The saw is now ready to begin cutting.
    a. When cutting with a new blade the first two or three cuts must be made while exerting a slight pressure on the part, so that the time to cut is about double the normal cutting time.
7. Press the red emergency stop button (1) if there are conditions of danger or malfunction in general, stopping the machine immediately.

⚠ If there is excessive axial movement on the hinge tighten the ring nuts (7), however make sure not to overtighten.

MAINTENANCE

⚠ **Before performing any maintenance ensure that the machine is LOCKED OUT and unplugged.**

Special maintenance operations must be carried out by skilled personnel. However, we advise contacting DAKE. The term special maintenance also covers resetting of protection/safety equipment and devices.

ROUTINE MAINTENANCE

DAILY MAINTENANCE

- Check/fill coolant.
- Check blade wear.
- Check functionality of safety shields.
- Make sure emergency stops are working properly.
- General cleaning and removal of accumulated material.
- Move head to the full upright position when not in use, helps avoid stress on the return spring.

WEEKLY MAINTENANCE

- Sharpen blade.
- Clean blade housing.
- Make sure the gearbox is full of oil.
- Check power chord for any damage.
- Clean shavings from lubricant tank.
- Clean and grease the screw and sliding guide vise.
- Clean the filter of the pump suction head and the suction area.

MONTHLY MAINTENANCE

- Check tightness of the screws on the motor, pump, jaws, and safety guard.
- Check safety shields are not broken.
- Grease the head hinge pin.

SIX MONTH MAINTENANCE

- Change gear box oil.
- Flush coolant tank. This can be done by removing the tank cover on the back of the tank. And remove the filter screen on the deck of the saw.
- Check all electrical components and connections in the electrical box. Saw vibration may have loosened items wires or connections.
- Change the gearbox fluid. Drain all oil out and wipe down box and all gears before refilling. Use 90 weight synthetic gear oil.

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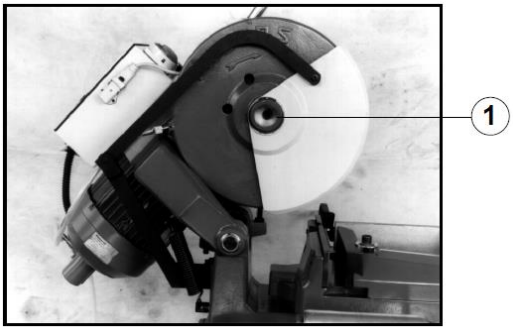
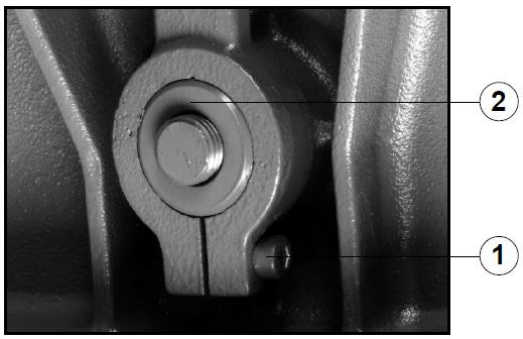
CHANGING THE BLADE

⚠WARNING! Before changing the blade, electrical supply must be LOCKED OUT! Always use gloves while handling loose blades.



1. Release the blade guard and push it back as far as it allows.
2. Place a piece of wood in the vise and pull down the saw until the blade rests on the wood.
3. Insert the special spanner provided and remove the screw (1), loosen it in the counter-clockwise direction as it has left-handed threads.
4. Slip off the flange that holds the blade in place and remove old blade.
5. Install new blade on spindle and align blade drag holes with the spindle holes.
6. Install flange and tighten spindle bolt tight by hand.
7. Push the blade against direction of rotation until the holes deadhead against the flange drive pins and tighten spindle bolt securely. ⚠ **This step is to remove backlash and is required before operating with a new blade.**

REGULATING ARM BLOCKAGE



If there is insufficient blockage of the head arm in the desired position, loosen the screw (1) on the lever, hold the bushing (2) in position, turn lever left to tighten the screw.

CHANGING COOLANT PUMP

1. Take the pipes of the lubricating system off.
2. Remove fastening screws and replace pump, being careful to keep the driving system centered on the drive shaft bearing.

CHANGING THE GEAR BOX OIL

80/90 Synthetic Gear Oil, we recommend MOBIL SHC635.

1. Disconnect machine from power supply.
2. Unscrew the handle and remove the plug coming out of the handle that goes to the electrical box.
3. Use a bucket to collect old oil ; unscrew oil plug to let oil drain, when finished draining replace oil plug.
4. Keeping the head in the upper position, pour new oil into the handle opening until it is seen half way up the sight level gauge.
5. Screw handle back on and reconnect the plug.
6. Follow local rules and regulations to dispose of oil properly.

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TROUBLESHOOTING

SYMPTOM	CAUSE	SOLUTION
Tooth Breakage	Too fast of an advance on the material	Decrease the level of downward feed
	Wrong cutting speed	Change the blade speed or the diameter of the blade
	Wrong tooth pitch	Use the blade calculator to determine the correct pitch or consult your blade provider
	Low quality and/or dull blade	Speak with blade provider and sharpener
	Poor clamping pressure causing the part to move	Check the material for tightness before cutting
		Check the condition of the jaw faces
	Insufficient coolant or incorrect type of coolant	Check the level of coolant in tank and increase the flow of coolant.
		Talk to your coolant provider
Premature Blade Wear	Wrong blade being used	Consult your blade provider for adequate blade
	Wrong cutting speed or feed	
	Insufficient coolant or incorrect type of coolant	Check the level of coolant in tank and increase the flow of coolant
		Talk to your coolant provider
Blade Vibration	Wrong blade being used	Consult your blade provider for adequate blade
	Poor clamping pressure causing the part to move	Check the material for tightness before cutting
		Check the condition of the jaw faces
	Dimensions of the solid section too large with respect to the maximum cutting dimensions	Check the cutting capacity of the saw
	Blade diameter is incorrect and/or too large	Decrease blade diameter

SYMPTOM	CAUSE	SOLUTION
Blade sticks in the cut	Too fast of an advance on the material	Decrease the level of downward feed
	Cutting speed too slow	Increase blade speed
	Wrong blade	Use the blade calculator to determine the correct pitch or consult your blade provider
	Sticky accumulation of material on blade	Use a higher quality of blade
		Check the blend of coolant
	Insufficient coolant	Check the level of coolant in tank and increase the flow of coolant
		Talk to your coolant provider
Ridges on cutting surface	Blade diameter is incorrect and/or too large	Decrease blade diameter
	Poor clamping pressure causing the part to move	Check the material for tightness before cutting
		Check the condition of the jaw faces
	Blade advance is too fast	Exert less cutting pressure on the material
	Blade teeth are worn	Sharpen blade or replace
	Insufficient coolant	Check the level of coolant in tank and increase the flow of coolant
		Talk to your coolant provider
	Toothing does not unload shavings well	Select a blade with a larger tooth pitch
Cut is not straight	Blade advance is too fast	Exert less cutting pressure on the material
	Poor clamping pressure causing the part to move	Check the material for tightness before cutting
		Check the condition of the jaw faces
	Blade head is not straight	Adjust head
	Blade side are sharpened differently	Choose tool quality carefully in every detail in regard to type and construction characteristics
	Blade thinner than the commercial standard	
	Dirt on the gripping device	Carefully clean the contact surfaces

SYMPTOM	CAUSE	SOLUTION
Control power indicator light does not work	Bad fuses	Check and/or change fuses
	Faulty power supply	Check incoming power
	Short circuit	Test for short and repair
	Bad light bulb	Replace light bulb
	Speed switch is off	Turn switch to desired speed
	Emergency switch is depressed	Pull switch out and make sure contacts are operating
	Thermal overload tripped	Wait 10-15 for motor to cool, check for continuity on the two thermal overload wires, if none, change motor or it have rewound
	Transformer	Check the incoming and the outgoing voltages which should be 24 volts
	Auxiliary Relay	Check voltages to relay terminals, should be 24 volts. If not check for loose wires, if none relay should be replaced
Motor will not work but the indicator light is on	Socket and/or plug connecting the switch handle to the electrical box	Check the plug connections and the wire connections inside the handle switch
	Switch inside the handle	Make sure the switch makes the connection when pressed
	Main connection	Make sure there is incoming power and outgoing when the handle switch is made, no shorts if so, change the connector
	Motor	Check to see if it spins freely and it is not burnt, may need to be changed or rewound. Check to see if it is receiving voltage from the connector.

*All electrical troubleshooting should be done by a qualified electrician or a technician with a working knowledge for machine electrical systems.

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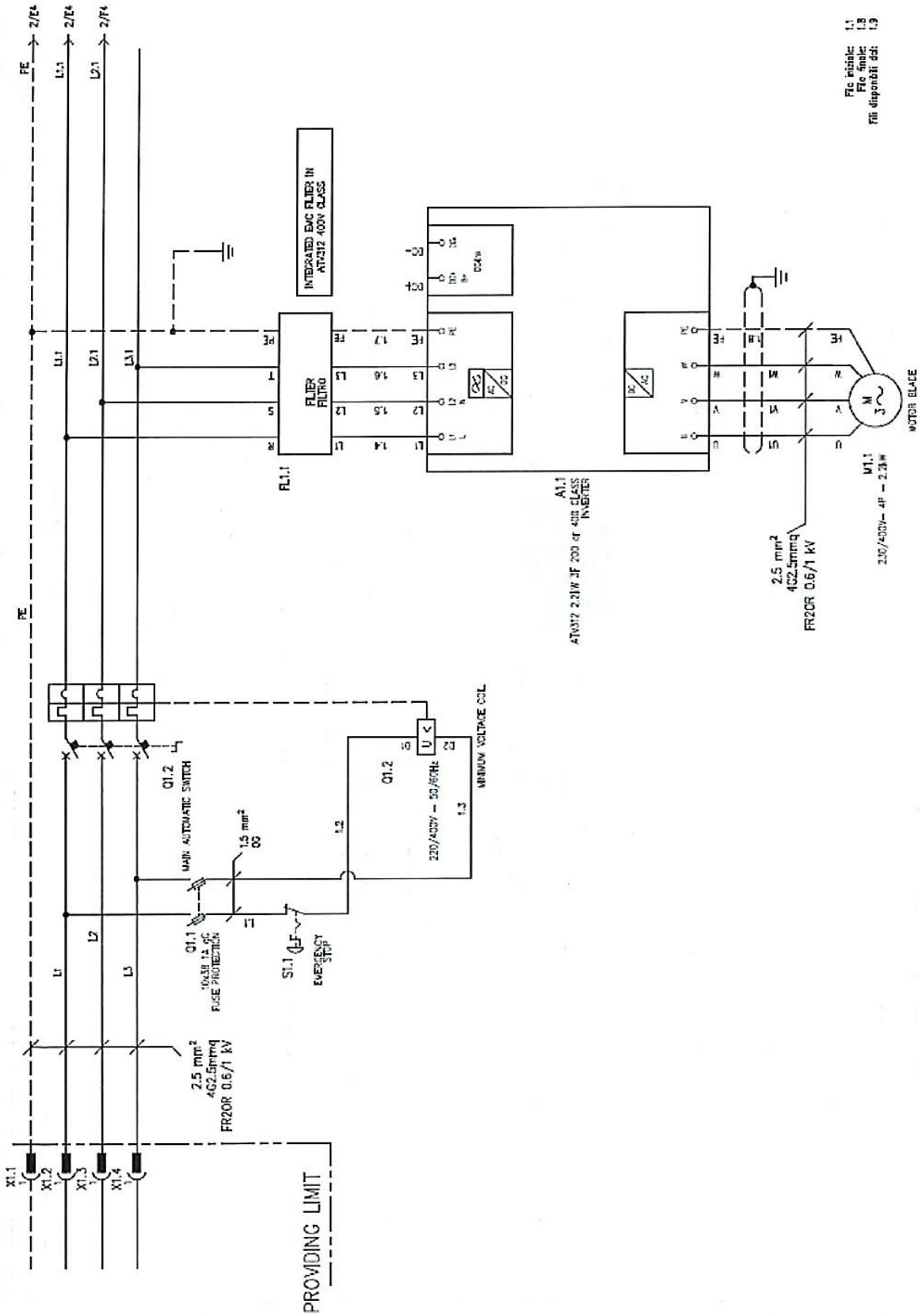
ELECTRICAL DIAGRAMS



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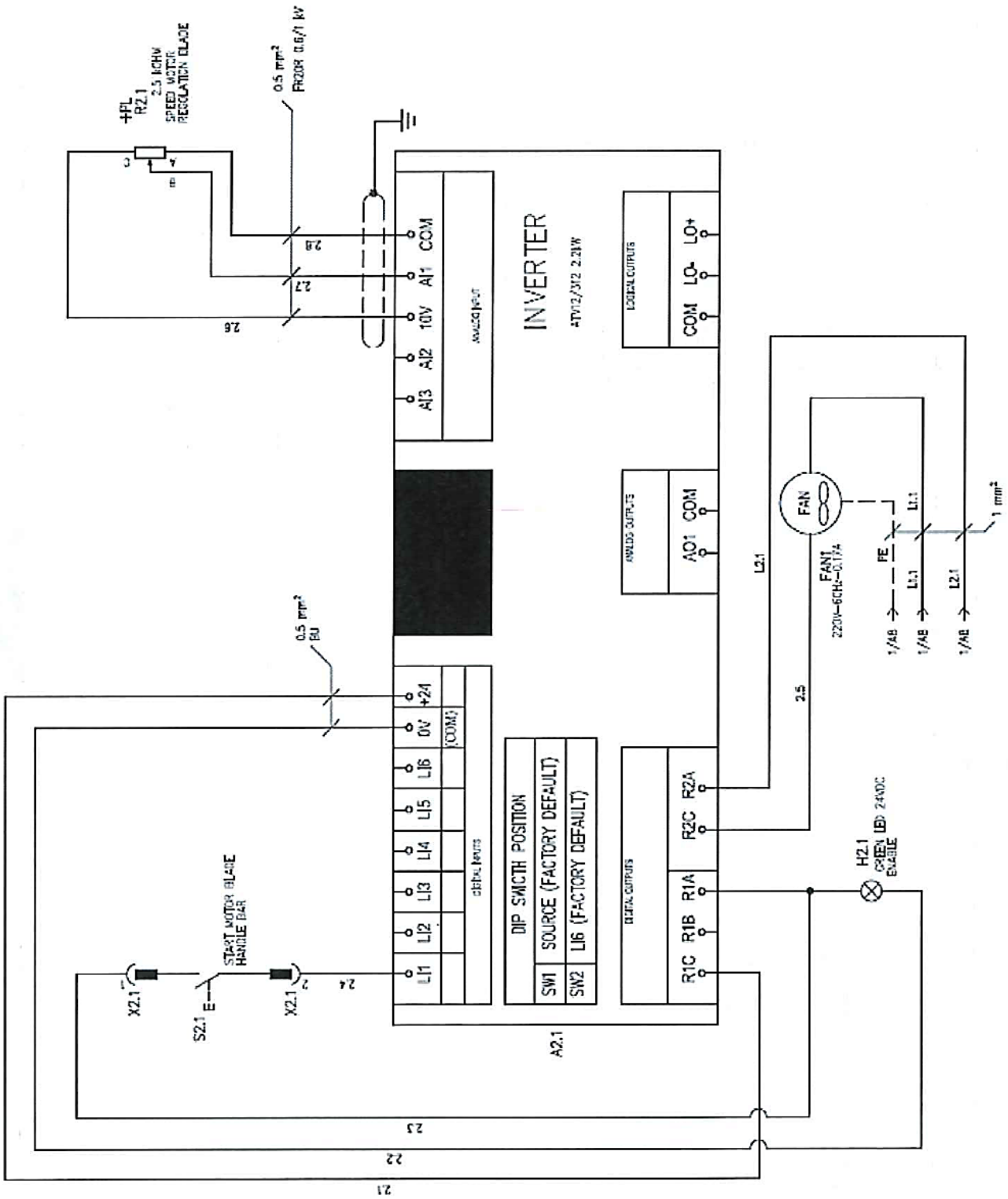

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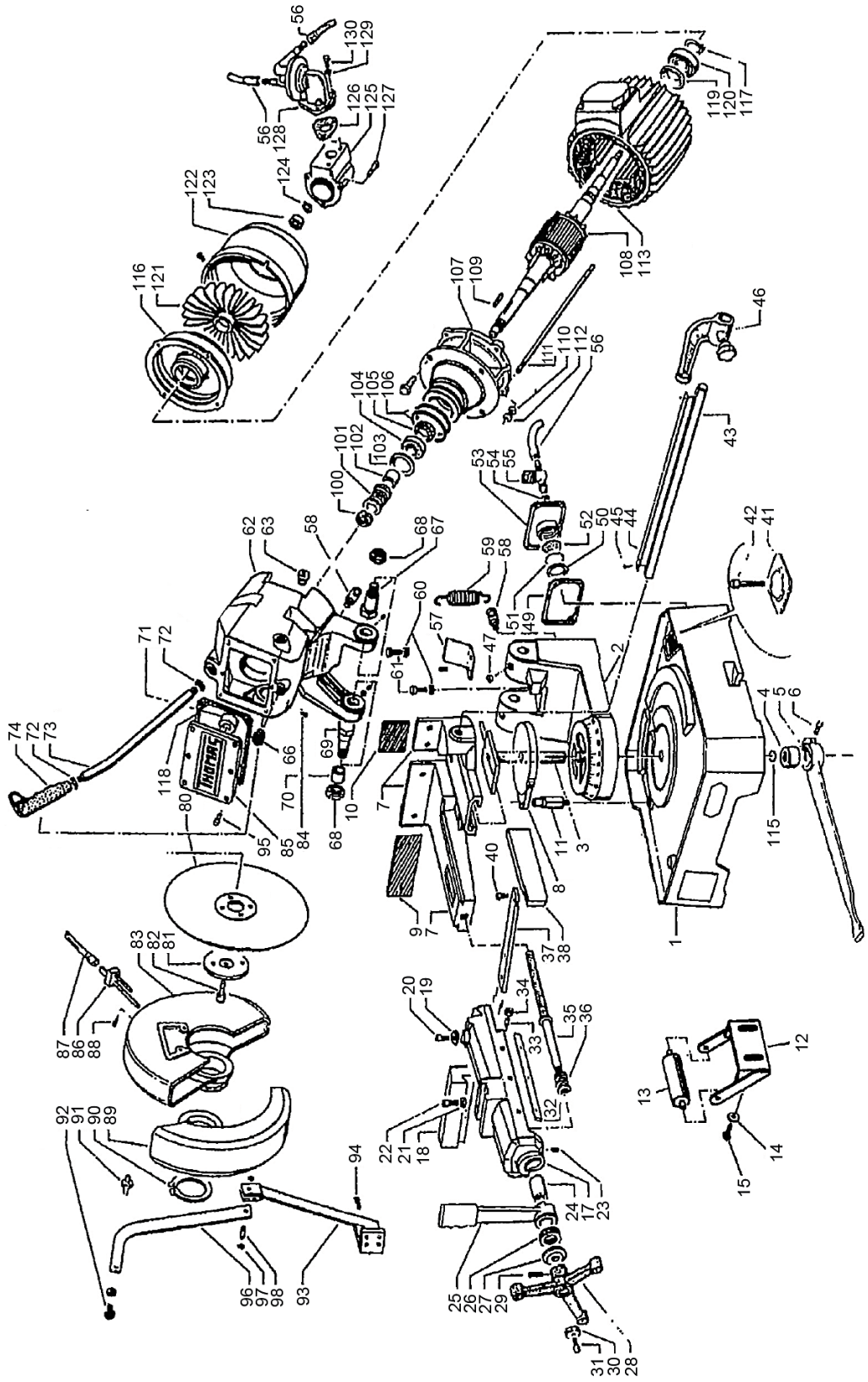
EXPLODED VIEW

Exploded view is only for 350CE Cold Saw with Frequency Drive Motor



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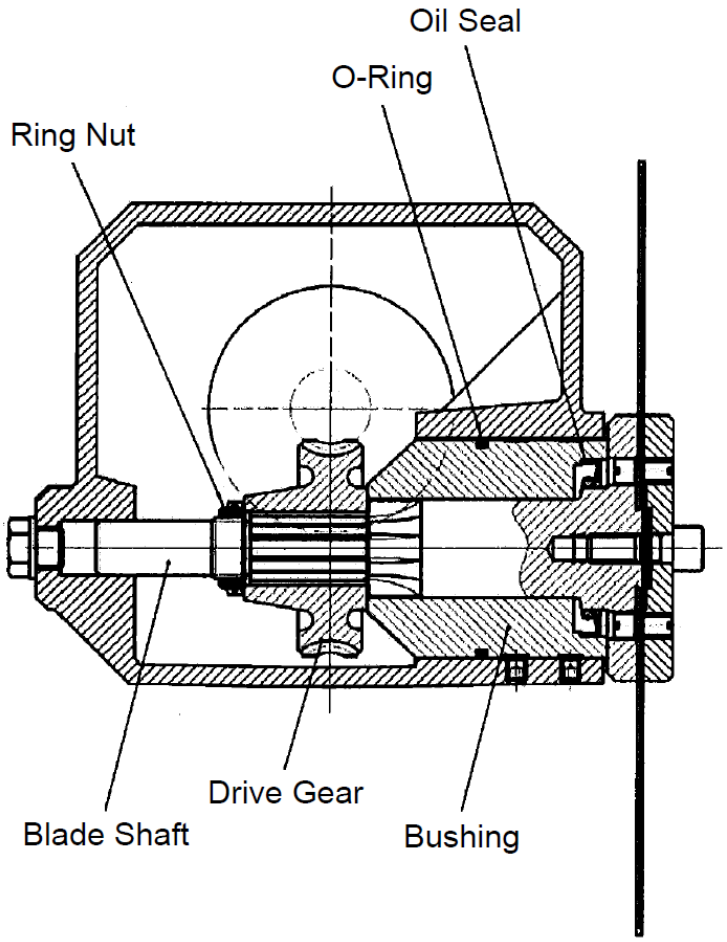
350CE Frequency Drive Gearbox:



Part Description	Part Number
Oil Seal	86000000
O-Ring	302920
Ring Nut	81700025

Part Description	Part Number
Blade Shaft	302965
Drive Gear	302966
Bushing	302967

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PARTS LIST

Parts list is only for 350CE Cold Saw with Frequency Drive Motor

Item	Part Name	Part No.
1	Machine Bed	AGB81040
2	Revolving Arm	AGB90025
3	Revolving Arm Pin	AFB90029
4	Revolving Arm Locking Bushing	AFB80012
5	Revolving Arm Locking Lever	AGB80016
6	Screw TCCE M10	-
7	Countervise	AGB90040
8	Mobile Countervise Flange	AGB90041
9	Countervise Jaw	AFB90042
10	Burr-free Jaws	AFB90043
11	Countervise Fixing Pin	AFB90044
12 & 13	Roller Support Arm & Roller	303343
14	Washer (M10)	43633
15	Bolt (M10)	81505
17	Vise (cast iron)	AGB90055
18	Vise Jaw	AFB90056
19	Vise Jaw Washer	AFB8B037
20	Screw TCCE M12	81110133
21	Washer (8.5mm ID x 21mm OD)	82100000
22	Screw TCCE M12	81110133
23	Dowel (M8 x 30mm)	81132081
24	Lever Bushing	AFB80032
25	Quick Lock Vise Lever	AGB80031
26	Bearing AX 3047	84500001
27	Quick Lock Vise Washer	AFB80033
28	Vise Handwheel	47100000L
29	Elastic Pin Ø 6	82504217
30	Washer (8.5mm ID x 21mm OD)	82100000
31	Socket Cap Screw (M8-1.25 x 20mm)	80521
32	Vise Gib	AFB80036
33	Dowel M8	81574
34	Nut M8 hexagonal	81573
35	Vise Screw	AFB80034
36	Vise Cam Lever Spring	AFB80035

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Item	Part Name	Part No.
37	Burr-free Transverse Plate	302963
38	Burr-free Plate	302963
41	Filter Screen	AFB80044
42	Socket Cap Screw (M6 x 12mm)	80625
43	Bar Stop Rod	AFB80024
44	Bar Stop Rod Scale	AHB80026
46	Bar Stop Block	AG660047
46.1	Bar Stop Push Rod	AFC40109
47	Oiler Ø 8	82901005
48	Dowel M8	81132081
49	Tank Cover Gasket	ANB80042
50	Snap Ring SEEGER Ø42	82610000
51	Tank Cover Filter	-
52	Tank Cover Wire Gauze	-
53	Tank Cover	ANB80041
54	Washer (8.5mm ID x 21mm OD)	82100000
55	Coolant Flow	88600000
56	Coolant Hose	69102002
57	Extra Protection	-
58	Spring Connection	AFC10024
59	Head Return Spring	AFB90034
60	Nut M12	301134
61	Screw M12	81110133
62	Head Casting	AGB90001
-	Head Cover Gasket	ANB90003
63	Oil Plug	88302002
64	Ring Nut (M25 x 1.5)	81700025
65	Spring Thrusting Washer	AFB90018
66	Oil Plug	88302002
67	Hinge Cylindrical Pin	AFB90027
68	Ring Nut (M25 x 1.5)	81700025
69	Hinge Eccentric Pin	AFB90026
70	Eccentric Bushing	AFB90028
71	Bearing	84101031
72	Nut M20	81600020
73	Head Lever	120C0004

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1809 Industrial Park Dr.
Grand Haven, MI 49417
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Item	Part Name	Part No.
74	Handgrip with Switch	44600001
81	Blade Shaft Flange	AF710163
82	Screw M12 x 35mm left thread	S1110136
83	Fixed Blade Guard	AGB90085
84	Dowel M8 x 30mm	81132081
85	Front Head Cover	AGB90002
86	Coolant Distributor	AFB80055
87	Coolant Hose	69102002
88	Dowel M6	64179
89	Mobile Blade Guard	160C0063
90	Snap Ring Ø60E	82600000
91	Mobile Blade Guard Pin	160C0063
92	Socket Cap Screw (M6 x 12mm)	80625
93	Tie Rod Support	AFB90087
94	Socket Cap Screw (M6 x 12mm)	80625
95	Socket Cap Screw (M6 x 12mm)	80625
96	Tie Rod Mobile Guard	AFB90088
97	Snap Ring Ø10E (Included in AF19B090)	-
98	Tie Rod Support Pin	AF19B090
100	Ring Nut (GUK M20 x 1mm)	81700020
101	Worm Screw	AFB90015
102	Worm Screw Spacer	AFB90017
103	Snap Ring SEEGER Ø42	82610000
104	Bearing 3305	84301010
105	Oil Seal	301959
106	Ring OR 4312	302920
107	Front Motor Flange	N/A
108	In motor assembly	-
110	In motor assembly	-
111	In motor assembly	-
112	In motor assembly	-
113	In motor assembly	-
115	O-Ring	86002004
117	In motor assembly	-
119	In motor assembly	-
120	Bearing 4205	84130010
121	Motor Fan	74310007

Item	Part Name	Part No.
122	Fan Cover	303775
123	Bearing 609	84101016
124	Retaining Ring SEEGER Ø9	303289
125	Pump Connection Box	AG190044
126	Pump Gasket	303236
127	Socket Cap Screw (M4 x 12mm)	81701
128	Coolant Pump	88141000
129	Washer (8.5mm ID x 21mm OD)	82100000
130	Socket Cap Screw (M6 x 12mm)	80625
137	Drive Pins (M10 x 1.5mm)	AFB8B007
-	Drive Pins (M10 x 1.25mm)	302931
142	Fuse Holder	300843
144	Socket Connector	73600005
145	Plug Connector	73600052
147	Reset Push-Button	716812
148	Emergency Push-Button	716538
-	Motor	303318
-	Fuse Cartridge	302977
-	Motor Starter	302978
-	Under Voltage Trip (220-240)	302979
-	Under Voltage Trip (208-220)	303276
-	Main Switch – Electrical Components Included	302981
-	Main Switch – No Electrical Components Incl. (Part of #302981)	303871
-	Frequency Drive	302843
-	Kit Pneumatic Vise	AAB9100L
-	Filter unit Pneumatic vise	88112015
-	Valve Pneumatic vise	88125000
-	Pneumatic Vise Cylinder	78200096

Please contact factory for current prices.

ORDERING INFORMATION

Parts are available for direct purchase from Dake or through a distributor. When placing a parts order, you will need to provide the part number, name of part, and model number. All parts shipped F.O.B. Factory in Grand Haven, MI.

DEACTIVATING THE MACHINE

If the machine is not going to be in use for a long period of time it is recommended that you do the following:

1. Unplug machine.
2. Release the arch return spring.
3. Empty coolant tank.
4. Carefully clean and grease machine.
5. If necessary cover the machine.

DISMANTLING THE MACHINE

If this machine is permanently demolished and/or scrapped, divide the material to be disposed of and dispose of them in accordance to local disposal laws. This includes raw materials such as metals, electrical components, and special waste such as old oils.