

# INSTRUCTION MANUAL

## TABLE SAW



## 4. Machine specifications

### 4.1 Technical data

Machine Table	550x800 mm
Sawblade diameter	315 mm
Blade speed	2800rpm
Blade bore diameter	30 mm
Blade body thickness	1,8-2,2 mm
Working height	<b>850mm</b>
Cutting height & 90°/45°	max83/49mm
Mains	230V~ L/N/PE 50Hz
Motor input power	2000W S6-40%
Tilting range of blade	<b>0° - 45°</b>

### 4.4 Description of machine

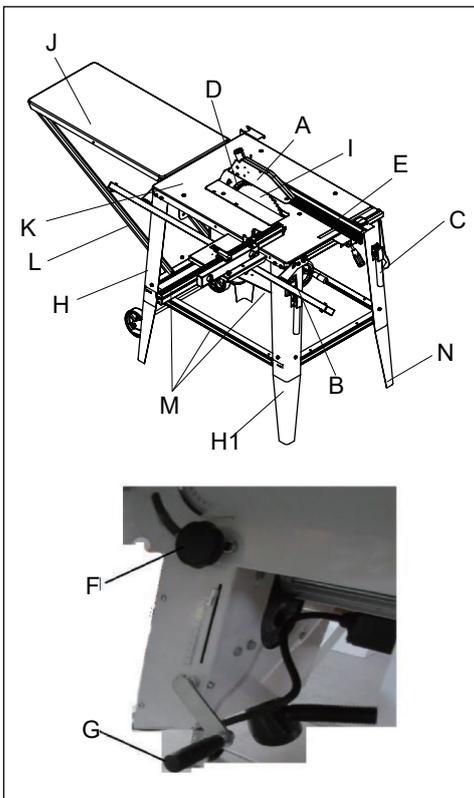


Fig 1

- A.....Saw guard
- B .....On/Off switch
- C .....Carry handle
- D ..... Raving knife
- E ..... Rip fence
- F ..... Tilting handle
- G ..... Blade rising handle
- H(H1).....Leg stand
- I .....Blade

- J ..... Rear table
- K ..... Machine Table
- L ..... Worktable support rod
- M .....Strut
- N .....Rubber feet

## 5. Transport and start up

### 5.1 Transport and installation

Never lift the tool on it's guards.

The sawblade must be covered by the saw guard during transport.

The machine is designed to operate in dry rooms and must be placed stable on firm and levelled ground.

For packing reasons the machine is not completely assembled.

#### WARNING:

To avoid injury, if any parts are missing, do not attempt to assemble the machine, do not plug in the power cord, do not turn the switch on until the missing parts are obtained and installed correctly.

### 5.2 Assembly

Assemble tool in strict accordance with these instructions. Only if you follow the instructions exactly does the machine conform to the safety regulations and can be safely operated.

If you notice any transport damage while unpacking, notify your supplier immediately. Do not operate the machine!

Dispose of the packing in an environmentally friendly manner.

Clean all rust protected surfaces with a mild solvent.

#### Requirements for machine assembly:

- Philips screwdriver
- 22mm wrench
- 16mm wrench
- 10mm wrench
- 8mm wrench
- 6mm Internal Hex. Wrench
- pair of work gloves

#### Stand assembly:

To assemble the stand:

It is imperative that the foot with the opening (J1) for the switch/plug block is mounted correctly on the left front side (see Fig.1& Fig.2).

Screw the side struts (O) and legs (J,J1) loosely together. Then mount the Support Bracket (U).

Mount the four rubber feet (P) on the legs.

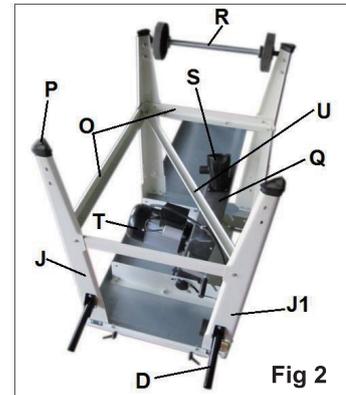


Fig 2

Insert the short crossbeams (Fig 3) and tighten the nuts.

#### Attention:

The Support Bracket (U) install as Fig.3



Fig 3

Working from the inside, fit the mounting for the chassis (22) to the rear legs (J) with 4 screws (33). Fig.4

Turn the saw upside down and place it on the legs.

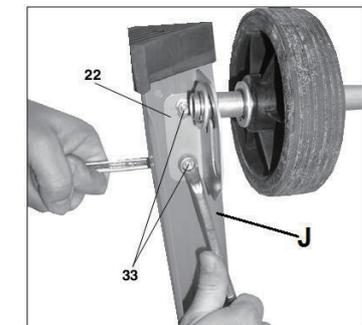


Fig.4

Before use, the saw must be screwed securely to the metal angle bracket supplied. The metal bracket (a) must be secured to the feet (J) with the screw (b), as shown in Fig.5

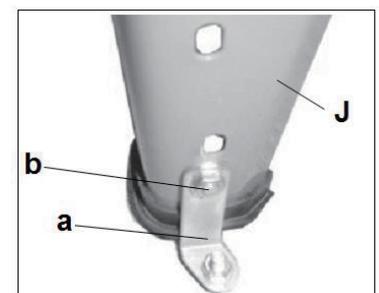


Fig.5

#### Install dust port:

Fasten the extractor connection to the bottom of the chip box (Q) with 4 screw (U). Fig 6.

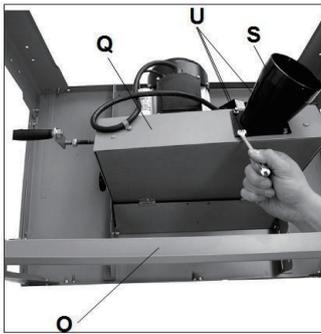


Fig 6

**Install switch:**

Insert the switch/plug block (C) into the opening in the leg and secure tightly from the side with 2 screw (01). Fig. 7.

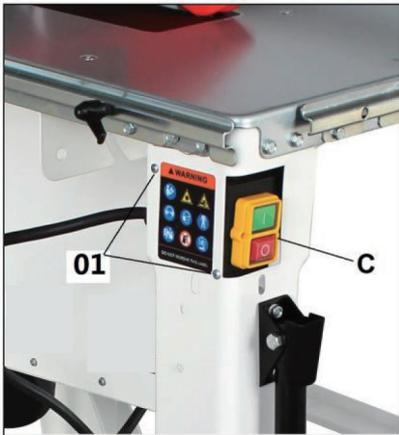


Fig 7

**Install saw blade:**

See chapter 7.1

**Install raving knife:**

See chapter 7.2

**Install table insert:**

Position the table insert into the Table top, and lock with 4 screws(05) Fig. 8

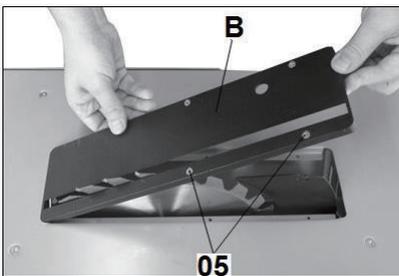


Fig 8

**Install blade guard:**

See chapter 7.3

**Install rip fence carrier:**

Attach the rip fence carrier to the machine table front with  
 - 2 Carriage bolts M6X20  
 - 2 Nuts M6  
 - 2 Washers 6

**Install rip fence:**

Use 2 bolts/2 washers and wing nuts (f, Fig 9) to attach the aluminium

profile(e) to the rip fence body

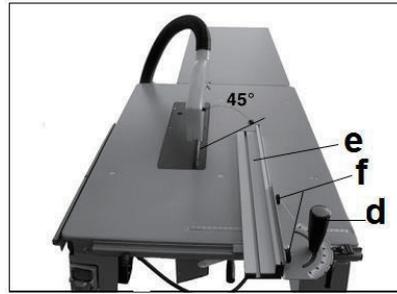


Fig 9

**Install rear extension table:** Fit the rear table extension (X, Fig 10).

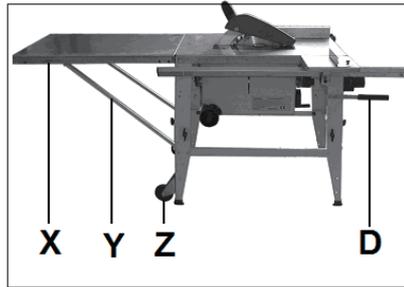


Fig 10

Attach two support arms (Y, Fig 11). Adjust the table to be level and tighten the nuts.

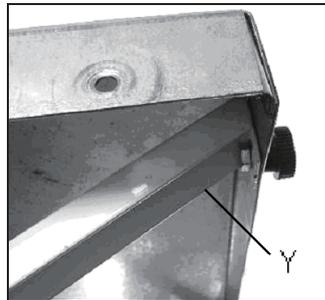


Fig 11

**5.3 Dust connection**

Before initial operation, the machine must be connected to a dust extractor. The suction should switch on automatically when the saw is switched on.

Attach the connecting hose to the saw guard and the Y-piece

A 100mm dust collection hose can be connected.

**5.4 Mains connection**

Mains connection and any extension cords used must comply with applicable regulations.

The mains voltage must comply with the information on the machine licence plate.

The mains connection must have a 16A surge-proof fuse.

Only use connection cables marked H07RN-F

Connections and repairs to the electrical equipment may only be carried out by qualified electricians.

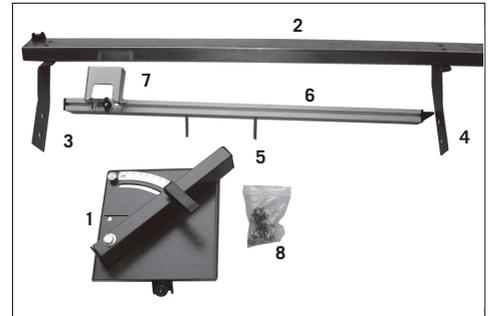


Fig 11

**5.5 Sliding Table**

Delivery scope, Fig.11

- 1 Sliding table kpl.
- 2 Guide rail kpl.
- 3 Support forward
- 4 Support aft
- 5 Stop bar kpl.
- 6 Side rail
- 7 Folding stop block
- 8 Sub-package bag

Sliding Table Carriage	
<b>Scope of Delivery</b>	
	Sliding table carriage
	Holding clip
	Guiding rail
	Angle stop
	Folding stop
	Klappanschlag
	Accessory package with mounting accessories
<b>Technical Data</b>	
Length of guiding rail	960
Angle stop of swivelling range	0 – 48°
Cutting width with sliding table carriage up to mm	300
Weight kg	8,0
<b>We have marked the parts of the operating instructions which concern your safety with this symbol: m</b>	

**⚠ Proper use**

- Please read the operating instructions of your circular sawbench before you commence work.
- The sliding table carriage may only be used in conjunction with the circular sawbench.



Fig 12

## Assembly

For reasons of packing, your sliding table carriage is not fully assembled.

Fig. 12

Fit the supports (3) and (4) onto the guide tube (2).

- The sliding table carriage is used as a workpiece underlay during work with the circular sawbench. Do not place working or measuring tools down on the sliding table carriage.
- The minimum and maximum dimensions of the workpiece to be machined must guarantee the safe guidance of the workpiece. The workpieces to be machined must be clear of foreign matter such as nails or screws.
- Protective devices or work fixtures which serve safety purposes may not be removed.
- Any use of the machine which does not comply with the above is regarded as improper use. The manufacturer is not liable for any damage resulting from improper use. The user alone is responsible for the risk.

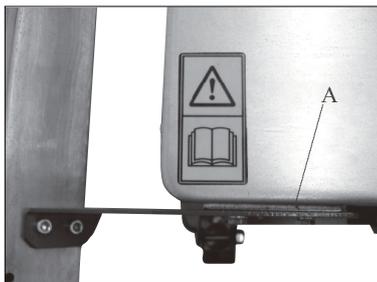


Fig 13



Fig 14

Fig. 13 and Fig.14

Using a spacer plate (A), fit the complete guide tube onto the left side of the table plate between table and front support (3).  
 4 Allen screws M 6 x 20  
 4 hexagon bolts M 6 x 20  
 8 washers A 6  
 8 hexagon nuts M 6  
 1 spacer plate

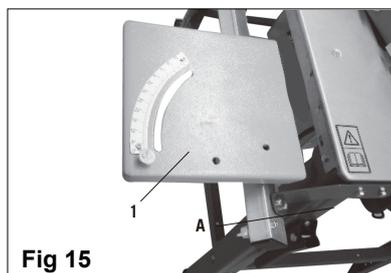


Fig 15

Fig. 15

Slide the carriage guide (1) onto the guide tube (A) and secure it against falling off with 2 Allen screws M 6 x 40 and 2 wing nuts on both sides of the guide tube (A).

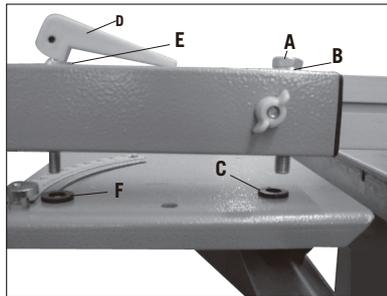


Fig 16

Fit the complete fence tube onto the sliding table. Fix the unit by screwing the hexagon bolt M 10 (A) with washer 12 (B) through the fence tube and plastic washer (C) onto the table.

Push the tommy screw M8 (D) with washer 8 (E) through the fence tube, plastic washer (F) and segment, and tighten at the table underside with washer 8, spring washer and safety nut M 8, so that the toggle is tensioned when pressed down.



Fig 17

Put the sliding table in line using the fence rail as a ruler.

The sliding table must run parallel to and at the same height as the saw table. After repeated checking, tighten the hexagon bolts of the supporting plates.



Fig 18

Setting the sliding table guide (Fig. 18)

The ball bearing guide can be set by releasing bolt A. If the table is too easy-running, release bolt A and displace the ball bearing upward (+). Then retighten the bolt.

If the table is too tight, release bolt A, displace the ball bearing downward (-). Then retighten the bolt.

Take care that the guide rail is always clean.

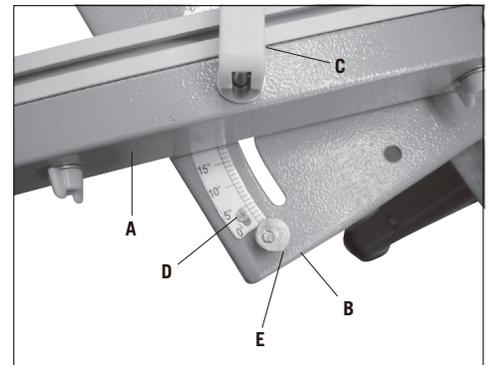


Fig. 19

Setting the 90° angle (Fig. 19)

Make the guide tube (A) hit the eccentric (B) and tighten with the tension lever (C). Make the 90° angle touch the saw blade and align the fence rail.

If required, release the eccentric bolt (E) and re-adjust.

Set the 45° scale (D) to 0.

Make a test cut and re-adjust in case of need.

## Maintenance

Clean sawdust and dirt from the ball bearing guide on the sliding table regularly in order to ensure a smooth action.

## 5.5 Starting operation

You can start the machine with the green ON button. The red OFF-button on the main switch (C, Fig 1) stops the machine.

## 6. Machine operation

### Correct working position:

In front of the machine standing out of the line of cutting (danger zone).

### Work piece handling:

Hands placed flat on the work piece outside the cutting area.

Feed the work piece towards the saw blade in the direction of the saw line. Push the work piece steadily forward; complete the cut as a single movement.

Support long and wide workpieces with helping roller stands.

### Operating hints:

**Always observe the safety instructions and adhere to the current regulations.**

Ensure that the saw blade protective cover is in the correct position before you start sawing.

The cutting blade must first reach the maximum rpm before cutting may begin.

**Attention:**

The condition of the blade should be checked before each machining process. Work only with a sharp and flawless sawblade.

Never use a sawblade rated with a blade speed lower than the machine.

Use a suitable wedge to prevent round timber from turning under the pressure of the cut

Use suitable table extensions and supporting aids for difficult to handle workpieces.

Always hold and guide the workpieces safely during machining.

Do not perform any operation freehand.

Do not perform any grooving, tenoning or splitting operations on this machine.

When ripping narrow workpieces (width less than 120mm) use a push-stick (Fig 12) or push-wood.

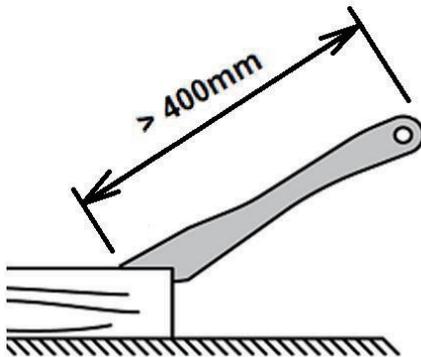


Fig 12

Make sure that small cut off workpieces will not be caught and thrown away by the rising saw blade teeth.

Remove cut and jammed workpieces only when motor is turned off and the machine is at a complete standstill.

Pay particular attention on reducing the risk of kickback.

The supplied raving knife must always be used. Inspect for correct adjustments.

**For the authorized use of the machine observe the appendix A “safe operation“ (on the last pages of this operating manual)**

**(on the last pages of this operating manual)**

A.1.: Ripping

A.2.: Ripping of narrow stock

A.3.: Crosscutting on rip fence

A.4.: Use of push wood handle

**7. Setup and adjustments**

**General note:**

**Setup and adjustment work may only be carried out after the machine is protected against accidental starting by pulling the mains plug.**

**7.1 Changing sawblade**

The sawblade has to meet the technical specification.

**Use only sawblades according to EN 847-1**

Check sawblade for flaws (cracks, broken teeth, bending) before installation. Do not use faulty sawblades.

The sawblade teeth must point in cutting direction (down)

Always wear suitable gloves when handling sawblades.

**WARNING:**

When installing or changing saw blade, always disconnect saw from power source, unplug!

Remove the saw guard (A, Fig 1) and table insert (B).

Raise sawblade fully.

Place the counter holder (a) on the saw blade flange Fig.13

Using the wrench (c), turn out the screw (b) in the running direction of the saw blade. Fig.13

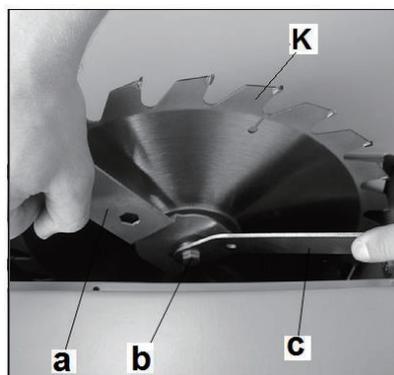


Fig.13

Remove the saw blade (K) from the inner flange and pull out in an upwards direction.

Clean the blade flange thoroughly before fitting the new blade.

Mount and fasten the new saw blade in reverse order.

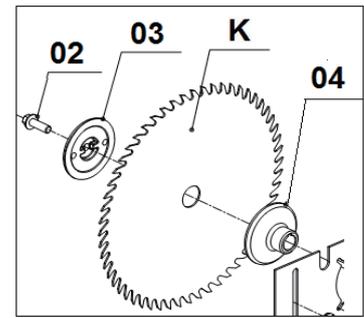


Fig 14

**Order for installation: Fig. 1 4**

- Blade set screw (02)
- Centring flange (04)
- Saw blade (K)
- Tightening flange (03)

Refit and set the splitter (F) and the saw blade guard(A). Fig.1

Check to make sure that all safety devices are properly mounted and in good working condition before you begin working with the saw again.

**7.2 Mounting the raving knife**

The supplied raving knife must always be used.

Disconnect saw from power source, unplug!

The raving knife (F, Fig 15) is clamped with 1 nut (U).

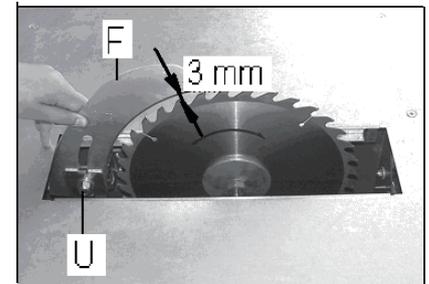


Fig 15

Adjust the space between sawblade teeth and raving knife to be 2 to 5mm.

Well tighten the locking nut (U).

**7.3 Mounting the saw guard**

The saw guard must always be used.

Attach the saw guard (A, Fig 16) to the raving knife (F) with 1 carriage bolt, washer and wing nut

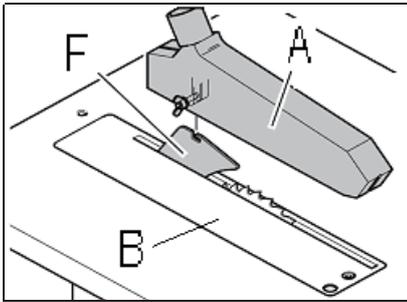


Fig 16

The saw guard must be lowered to the work piece to minimise the amount of exposed teeth.

#### 7.4 Rising and tilting of sawblade

Setup adjustments of the sawblade shall never be performed when the machine is running.

Use the front handle (I, Fig 1) to raise the sawblade.

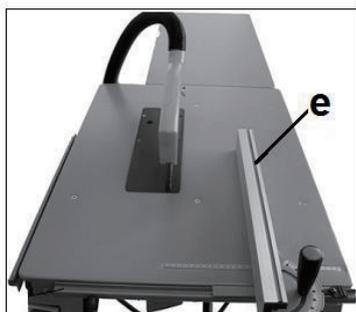
Use the tilting handle (H, Fig 1) to tilt the sawblade. Tighten knob to lock in place.

Start the machine with care.

#### 7.5 Rip fence setup

Rip fence setup shall never be performed when the machine is running.

Use 2 bolts and wing nuts (f, Fig 17, Fig. 18) to attach the aluminium profile (e) to the rip fence body



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Note:

The rip fence profile can be placed flat and adjusted in length.

-Use in upright position (Fig 17) for cutting wide stock:

-The cutting of small workpieces (width less than 120mm) and tilted cuts shall only be performed with the rip fence profile placed flat (Fig 18).



Fig 18

Start the machine with care.

#### 7.6 Adjusting 90° stop

The positive stop is adjusted at the factory.

If out of alignment:

Disconnect saw from the power source, unplug.

Readjust the positive 90° stop.

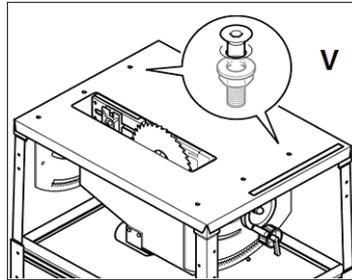
#### 7.7 Adjusting sawblade parallel

The sawblade is adjusted parallel to the machine table at the factory.

If out of alignment:

Disconnect saw from the power source, unplug.

Loosen the screws on the tabletop (V, Fig 19) and readjust saw unit.



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Fig

### 8. Maintenance and inspection

**General notes:**

**Maintenance, cleaning and repair work may only be carried out after the machine is protected against accidental starting by pulling the mains plug.**

Repair and maintenance work on the electrical system may only be carried out by a qualified electrician.

Consult a qualified repair shop if a malfunction or damage occurs to this tool, including sawblades and guards.

**Cleaning:**

Clean the machine regularly.

Inspect the proper function of the dust extraction daily.

Keep the inside of the cabinet clear of sawdust and wood chips.

All protective and safety devices must be re-attached immediately after completed cleaning, repair and maintenance work.

Defective safety devices must be replaced immediately.

#### Saw blades:

The servicing of saw blades should only be performed by a trained

person.

Defective safety devices must be replaced immediately.

Check saw blades regularly for faults. Replace a defective sawblades immediately.

#### Motor Break:

The motor break works electro-mechanically (break motor).

If breaking time should exceed 10 seconds, the motor break assembly needs to be replaced. Contact your Jet service station immediately.

### 9. Trouble shooting

#### Motor doesn't start

\*No electricity- check mains and fuse.

\*Defective switch, motor or cord- consult an electrician.

#### Machine vibrates excessively

\*Stand on uneven floor- adjust stand for even support.

\*dust on saw flanges- clean saw arbor and flanges.

\*defective sawblade - replace sawblade immediately

#### Cut is not accurately square

\*90° stop not adjusted correctly- check with square and adjust stop.

#### Material binds blade when ripping

\*Rip fence not parallel to sawblade- check and adjust rip fence.

\*Wrapped wood- select another piece of wood.

\*Excessive feedrate- reduce feedrate.

#### Material kicked back from blade

\*Fence not aligned with sawblade- check and adjust rip fence.

\*Raving knife not in place- high danger, mount immediately with guard.

#### Cutting surfaces is bad

\*Wrong sawblade used  
\*Blade mounted backwards

- \*resin collection on sawblade
  - \*sawblade is dull
  - \*work piece inhomogeneous
  - \*Feed pressure too high-
- Do not force the work piece.

### 10. Environmental protection

Protect the environment.

Your appliance contains valuable materials which can be recovered or recycled. Please leave it at a specialized institution.



This symbol indicates separate collection for electrical and electronic equipment required under the WEEE Directive (Directive 2012/19/EC) and is effective only within the European Union.

### 11. Safe operation

See appendix A (on the last pages of this operating manual)

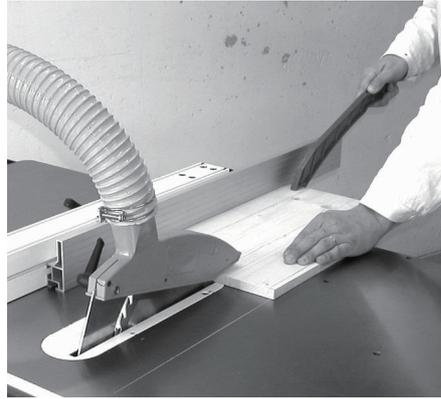
A.1.: Ripping

A.2.: Ripping of narrow stock

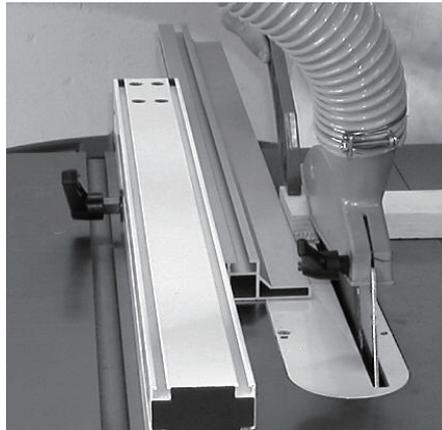
A.3.: Crosscutting on rip fence

A.4.: Use of push wood handle

## Appendix A



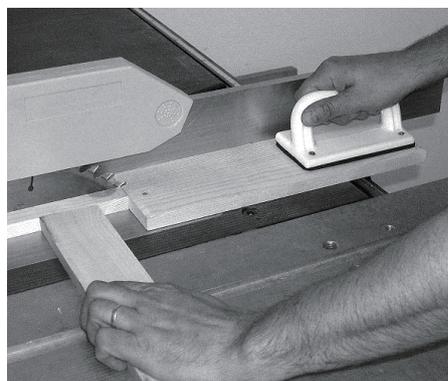
A1



A2

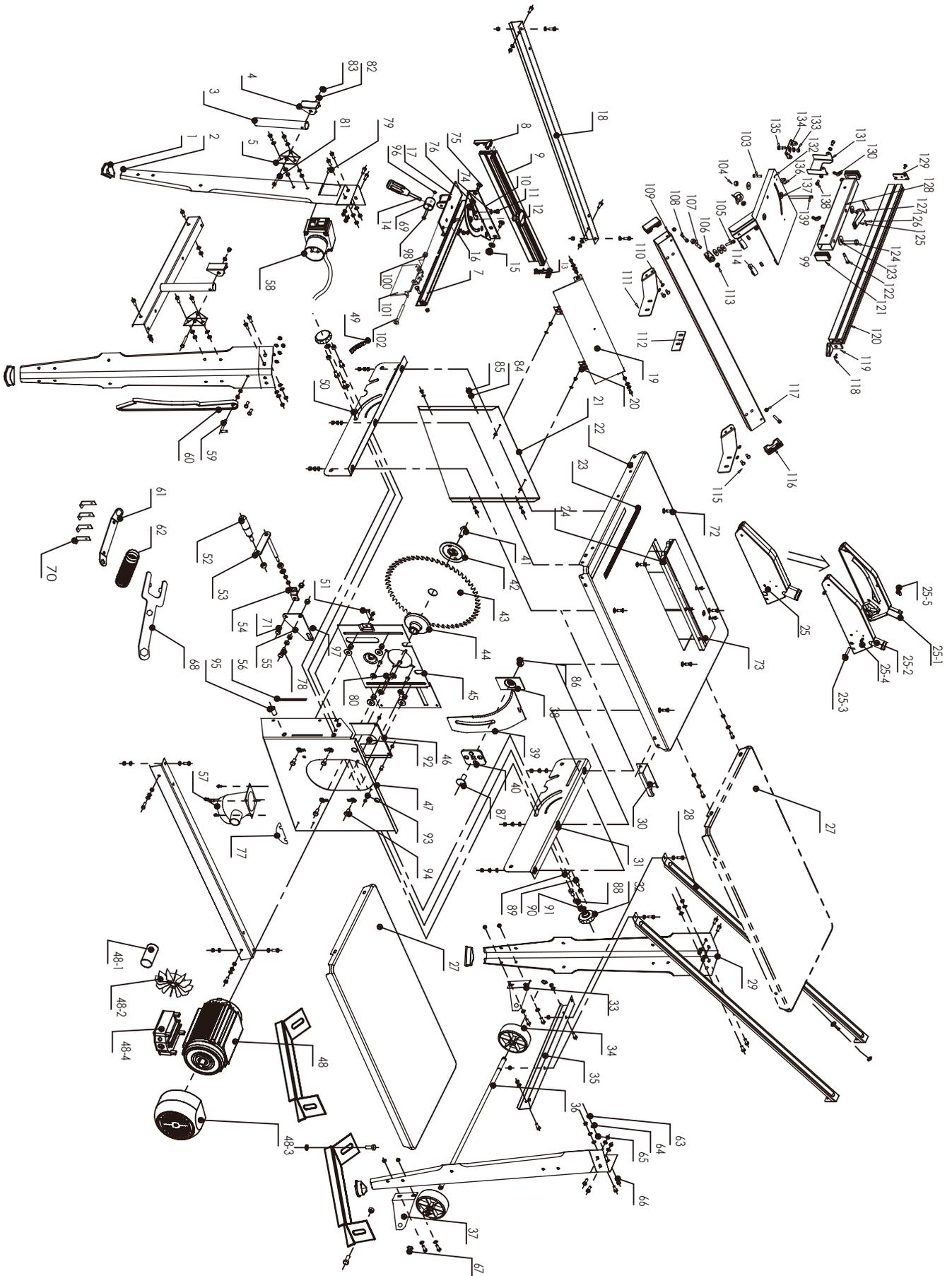


A3



A4

# EXPLODED VIEW



## PARTS LIST

No.	Name	Specification	Qty.
1	Rubber foot		4
2	Leg 1		1
3	Push stick		2
4	Movable support		2
5	Fixed support		2
6	Erection bolt		2
7	Slide		2
8	Baffle plug		1
9	Baffle		1
10	Miter gauge		1
11	Miter gauge bolt		1
12	Locking handle for lower guard		1
13	Baffle plug 1		1
14	Locking handle		1
15	Fence locking handle		2
16	Miter gauge pointer		1
17	Support plate assy		1
18	Long beam		2
19	Lower cover plate(Small)		1
20	Hinge		2
21	Lower cover plate(Big)		1
22	Main work table		1
23	work table Ruler		1
24	Table cover		1
25	Upper guard assy		1
25-1	Upper guard (left)		1
25-2	Upper guard (right)		1
25-3	Step bolt	M6x35	1
25-4	Cross countersunk tapping screw	ST2.9 x13	5
25-5	Butterfly nut	M6	1
26	Side stay		2
27	Auxiliary table		1
28	Auxiliary table support		2
29	Leg 2		3
30	Pipe clamp		1
31	Lower guard back plate		1
32	Lower guard locking nut		2
33	Wheel holder (left)		1
34	Wheel		2
35	Short beam		2
36	Wheel shaft		1
37	Wheel holder (right)		1
38	Riving knife pressing plate		1
39	Riving knife		1
40	Riving knife fixed plate		1
41	Hex bolt	M10X35(left)	1
42	Outer chuck		1
43	Blade		1

## PARTS LIST

No.	Name	Specification	Qty.
44	Saw blade inner chuck		1
45	Motor mounting plate		1
46	Motor shaft guard		1
47	Blade lower guard		1
48	Motor		1
48-1	Motor capacitor		1
48-2	Motor fan		1
48-3	Motor cover		1
48-4	Terminal box		1
49	Rotating scale		1
50	Lower guard front plate		1
51	Pointer		1
52	Handwheel handle		1
53	Lifting rocker assy		1
54	Connecting plate		1
55	Lifting board		1
56	Altitude scale		1
57	Dust collect port		1
58	Electromagnetic switch assy		1
59	Hook		1
60	Pusher		1
61	Small wrench		1
62	Bellows		1
63	Hex nut	M6	56
64	Washer	6	50
65	Spring washer	6	38
66	Hex bolt	M6x16	46
67	Shaft ring	12	6
68	Big wrench		1
69	Locking piece		2
70	Foot plate		4
71	Hex bolt	M8X16	1
72	Socket head cap screw	M6x16	6
73	Phillips screw	M4x16	4
74	Belleville spring		1
75	Step bolt	M6x20	3
76	Big washer	6	12
77	Motor plate		1
78	Hex bolt	M8X35	1
79	Phillips screw	ST4.2x25	2
80	Hex bolt	M6 x20	4
81	Outer hex bolt	M8x45	2
82	Flat washer	8	6
83	Locking nut	M8	6
84	Flat washer	4	6
85	Phillips screw	M4x10	8
86	Nut	M12 S=19mm	1

## PARTS LIST

No.	Name	Specification	Qty.
87	Step bolt	M12x35	1
88	Locking nut	M8	6
89	Step bolt	M8 x20	2
90	Outer hex bolt	M8x16	4
91	Big washer	8	2
92	Guard cushion cover		2
93	Hex bolt	M5x20	2
94	Hex bolt	M8x16	4
95	Screw fixing nut	M10	1
96	Split washer	5	1
97	Shaft ring	10	1
98	Hinge pin	6X40	1
99	Big washer	6	2
100	Locking nut	M4	1
101	Locking plate		1
102	Phillips screw	M4X60	1
103	Hex bolt	M6X16	1
104	Locking nut	M8	2
105	Hex bolt	M10X30	1
106	Bearing block		1
107	Hex bolt	M10X20	1
108	Hex bolt	M6X35	2
109	Slide rail		1
110	Flat washer	6	5
111	Slide retaining plate		2
112	Fixed plat block		1
113	Radial ball bearing	6000Z	6
114	Bearing cover		4
115	Hex bolt	M6X16	4
116	Slide plug		2
117	Nut	M6	2
118	Phillips screw	ST4.8X15	2
119	Fence Plug		1
120	Fence		1
121	Board plug		2
122	Step bolt	M6X53	2
123	Big washer	10	1
124	Hex bolt	M10X65	1
125	Locking handle		1
126	Elastic pin	3X30	1
127	Big Washer	8	2
128	Backup plate		1
129	Fence Plug 1		1
130	Fence locking handle		2
131	Limit stop		1
132	Scale table Assy		1
133	Locking nut	M6	3
134	Block seat		1
135	Step bolt	M6X20	1
136	Limit eccentric		1
137	Plastic mat	8	2
138	Hex bolt	M6X12	2
139	Lifting screw		1

