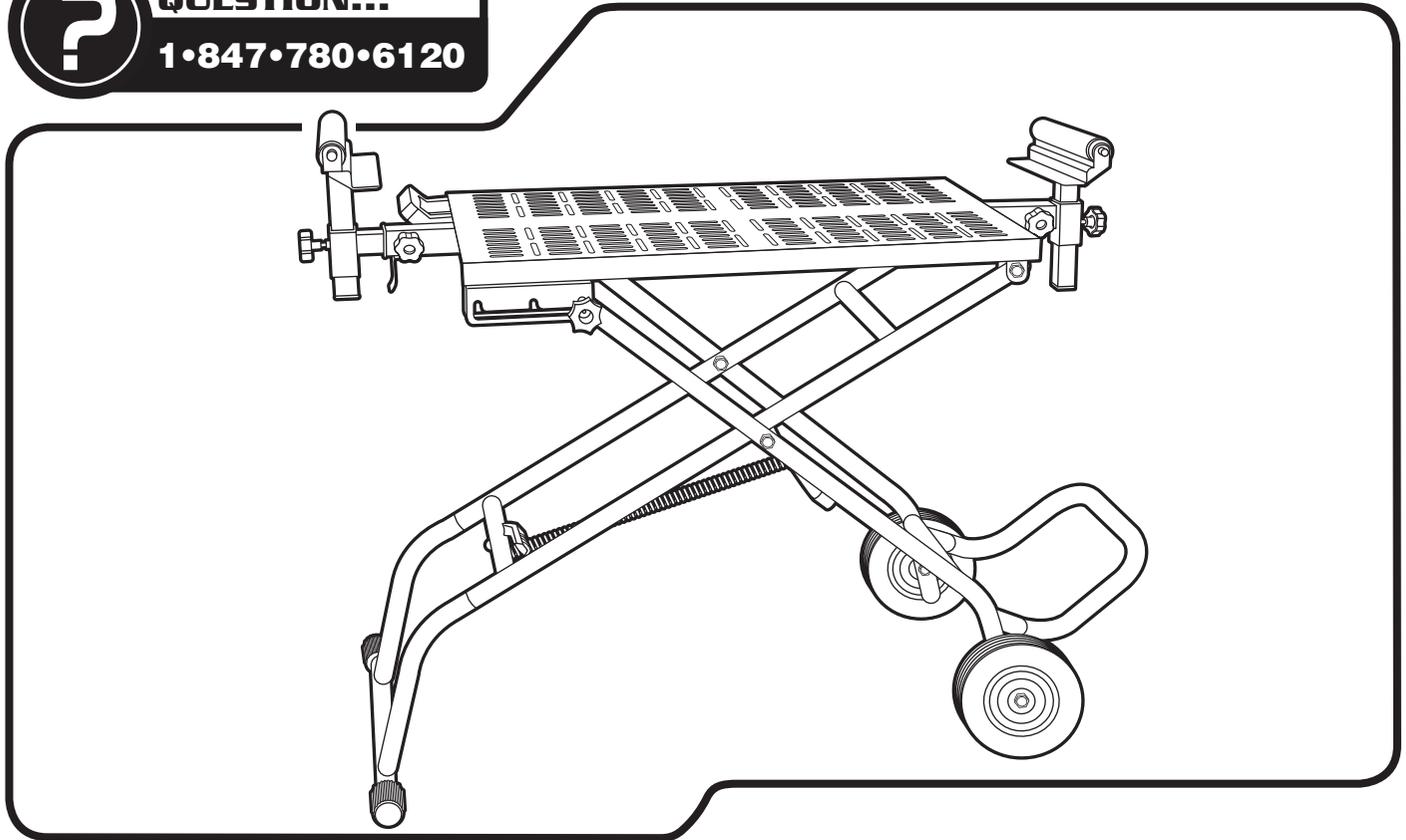


Owner's Manual

POWERTEC

MITER SAW STAND

? QUESTION...
1-847-780-6120



Visit us on the web at www.southerntechllc.com



You will need this manual for safety instructions, operating procedures, and warranty. Put it and the original sales invoice in a safe, dry place for future reference.

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PRODUCT SPECIFICATIONS

Net Weight:	49.5 lbs (22.5 kg)
Weight Capacity:	440 lbs (200 kg)
Table Size:	32-9/32" x 18-1/32" 820 mm x 458 mm
Table Height:	26-31/32" x 32-9/32" 685 mm x 820 mm
Roller Extension Range:	42-9/16" x 70-15/16" 1081 mm x 1802 mm
Top of Feed Roller Height Range: ...	29-11/16" – 39-11/16" 754 mm – 1008 mm

WARNING

For your own safety, read all of the rules and precautions before operating tool.

WARNING

Always follow proper operating procedures as defined in this manual even if you are familiar with use of this miter saw stand or any tool used with this stand. Remember that being careless for even a fraction of a second can result in severe personal injury.

You must be familiar with the use of any tool or accessory used with this miter saw stand. The supplier cannot be held responsible for any accident, injury or damage incurred while using this stand with any tool.

WARNING

Some dust created by operation of power tool contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. To reduce your exposure to these chemicals, work in a well ventilated area and work with approved safety equipment. Always wear OSHA/NIOSH approved, properly fitting face mask or respirator when using such tools.

CAUTION

Do not modify or use this stand for any application other than that for which it was designed.

SAFETY FOR WORK STAND

- Do not attempt to assemble or operate your miter saw stand until you have read the safety instructions in this section.
- Only use your miter saw stand on a hard, dry and flat surface.
- Keep your work area clean and well lit. Cluttered or dark areas invite accidents.
- Do not overreach. Keep proper footing and balance at all times.
- Do not load the miter saw stand with more than 440 lbs (200 kg).

- Store properly. Do not store the miter saw stand outdoors or in a damp location.
- Do not stand or climb on miter saw stand. It could tip over, causing serious injury.
- Do not permit children to use the miter saw stand unsupervised. It is not a toy.
- Be sure work support extensions and legs are locked in place before using your miter saw and miter saw stand.
- Test for stability of the miter saw stand before using your miter saw and miter saw stand.
- Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts. Always wear non-slip footwear. Tie back long hair. Roll long sleeves above the elbow.
- Always firmly attach the miter saw used with this stand. Do not attempt to use the miter saw on the miter saw stand until the miter saw is fastened firmly.
- Be sure all hardware mounting the miter saw to the quick-release mounting brackets is tight before folding and transporting the miter saw on the miter saw stand.
- Take care when folding the miter saw stand to reduce the hazard of pinching hands and fingers.
- Be aware of tipping. When a large piece is cut from one end of a job, the remaining piece may be heavy enough to tip the miter saw stand. Always ensure the workpiece is well supported.
- Always keep all guards in place. Be sure all power tool guards are in good working order and are in proper adjustment and alignment.
- Always keep your hands away from the cutting area.

CAUTION

Think safety! Safety is a combination of operator common sense and alertness at all times when tool is being used.

WARNING

Do not attempt to operate tool until it is completely assembled according to the instructions.

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE



2

ASSEMBLY

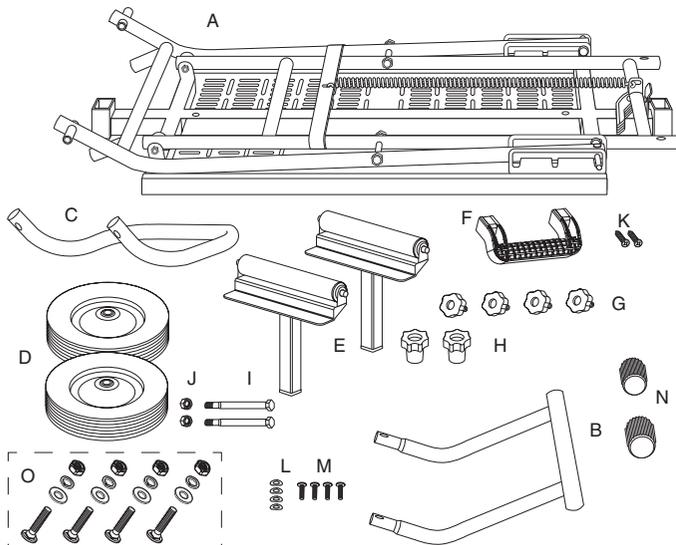
UNPACKING

Refer to Figure 1

Check for shipping damage. Check immediately that all parts and accessories are included.

ITEM	DESCRIPTION	QTY
A	Main Frame	1
B	Leg Extension	1
C	Foot	1
D	Wheels	2
E	Roller Bars	2
F	Handle	1
G	Locking Knobs	4
H	Locking Knobs (star)	2
I	Hex Bolt (M12x75 mm) (wheel)	2
J	Hex locking nut M12 (wheel)	2
K	Phillip Pan Head Screw M6x35 (handle)	2
L	Curved Washer (leg extension/foot)	4
M	Phillip Pan Head Screw M6x12 (leg extension/foot)	4
N	Feet End Caps	2
O	Miter Saw Mounting Hardware (mounting bolt, washer, lock washers and nut)	4

Figure 1

**WARNING**

Do not use the miter saw stand until it is completely assembled and you have read and understood this entire operating manual and the operating manual of the tool being used with this miter saw stand.

WARNING

Do not use the miter saw stand for scaffolding or as a ladder. Make sure to securely tighten all fasteners before using. Maximum capacity is 440 lbs (200 kg). Power tools on the miter saw stand should not exceed a combined overall height of 60" (152.4 cm) from the floor.

TOOLS NEEDED

The following tools (not included) are needed to assemble the miter saw stand:

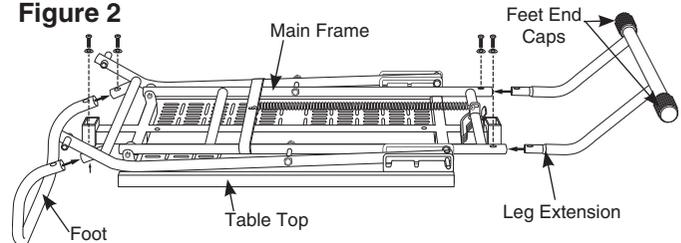
- 1 - Phillips screw driver (handle, leg extension and foot assembly)
- 2 - Adjustable wrenches or two 19 mm wrenches (wheel assembly)

ASSEMBLY

Refer to Figure 2–9

- Press the feet end caps onto the leg extension.
- Place the main frame onto the table top as shown. Slide leg extension into main frame and secure with curved washers and pan head screws.
- Lift the main frame and slide foot into main frame and secure with curved washers and pan head screws.

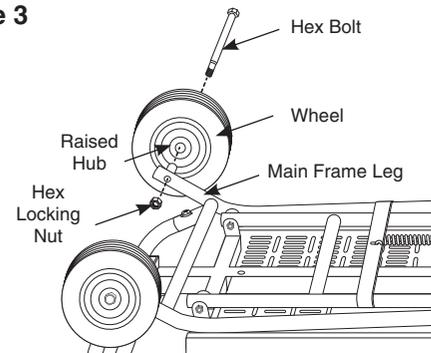
Figure 2



- Slide the hex bolt through the wheel and main frame leg. Secure with hex locking nut on the inside of mainframe. DO NOT over tighten, if too tight the wheels will not turn.
- Repeat with other wheel.

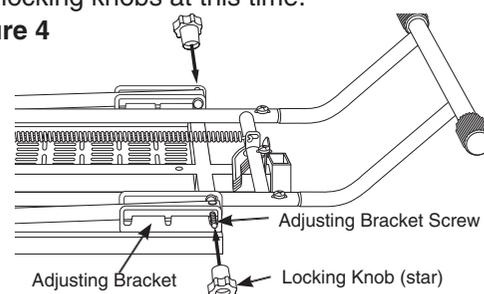
NOTE: Raised hub goes to the inside.

Figure 3

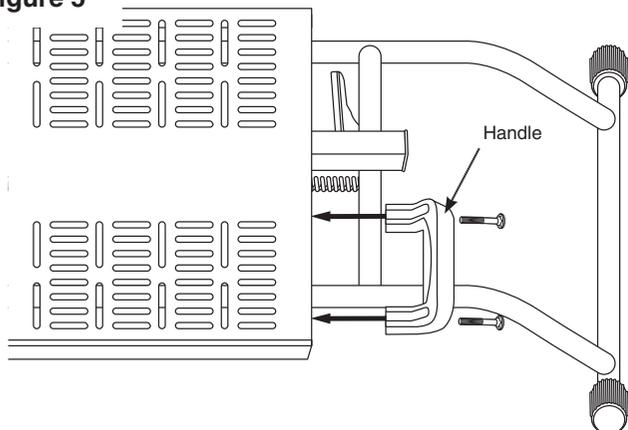


- Thread the locking knob (star shaped) onto the adjusting bracket screw. Repeat on other side. DO NOT tighten the locking knobs at this time.

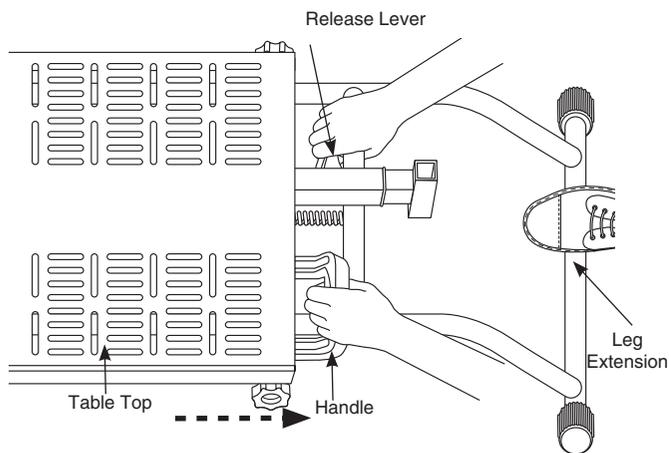
Figure 4



- Turn the stand over to rest on the leg extension and wheels.
- Assemble the handle to the main frame with two pan head screws. Tighten securely.

Figure 5


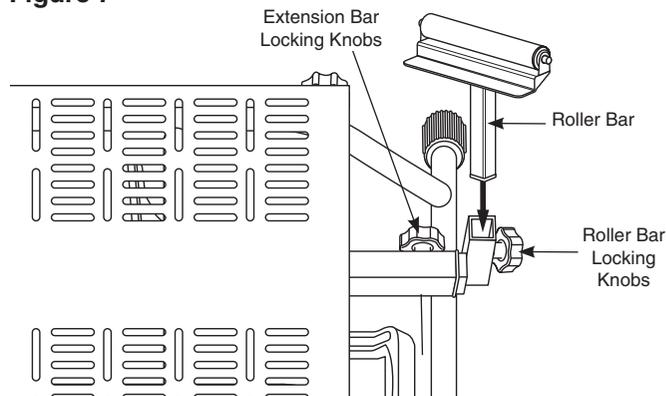
- Place one foot on the leg extension to hold the stand in place. Depress the release lever, lift and slightly pull the table top towards you and raise the table top until it latches in place. Tighten the locking knobs on each side.

Figure 6


NOTE: The locking knob must be loose to raise the stand.

NOTE: Take care when raising the miter saw stand to reduce the hazard of pinching hands and fingers.

- Place the roller arm into the roller bar support, slide up and down to desired location and secure in place with roller bar locking knobs.
- Thread the extension bar locking knobs into the extension bar.
- Repeat on other side.

Figure 7


MOUNTING THE MITER SAW

Refer to Figure 8

⚠ WARNING

Risk of accidental starting and serious personal injury. Unplug the miter saw before attaching it to the miter saw stand.

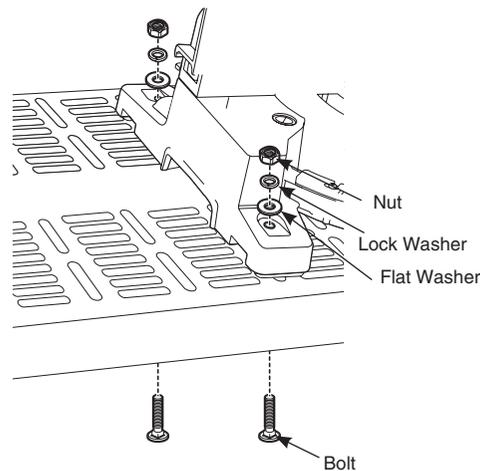
⚠ WARNING

Risk of serious personal injury. Always make sure the miter saw is fully supported and securely attached to a level work surface. Make sure the miter saw stand is located on a flat surface.

⚠ WARNING

Do not mount a table saw on this miter saw stand. Aggressive feeding of sheet materials into a table saw could cause the stand to tip over.

- Place the miter saw to be used on the table top.
- Move the miter saw around until the hole pattern matches the slot combination on the table top, secure with the mounting hardware supplied.
- Insert the bolt through the bottom of the table and secure with flat washer, lock washer and nut.

Figure 9




WARNING

Do not use the miter saw stand for scaffolding or as a ladder. Make sure to securely tighten all fasteners before using. Maximum capacity is 440 lbs (200 kg). Power tools on the miter saw stand should not exceed a combined overall height of 60" (1.5 m) from the floor.

4 ROLLER/EXTENSION BARS ADJUSTMENT

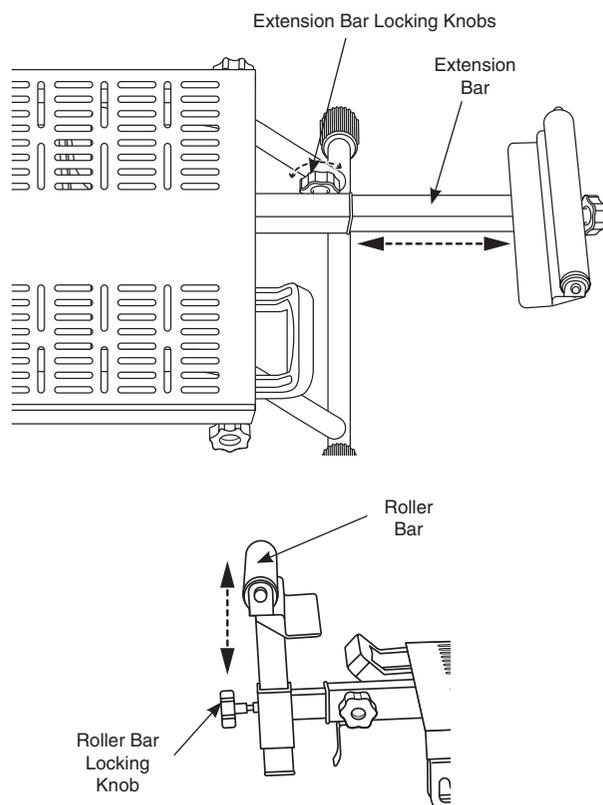
Refer to Figure 10

The extension bars move in and out to the properly support the workpiece.

The roller bars are used as directional rollers or with the extension bars as stationary stop guides.

- Loosen the extension bar locking knobs, slide the extension bar in or out to the required position, tighten the extension bar locking knobs.
- Loosen the roller bar locking knobs, slide the roller bars up and down to desired location, tighten the roller bar locking knobs.

Figure 10



TO RAISE AND LOWER THE STAND

Refer to Figure 11

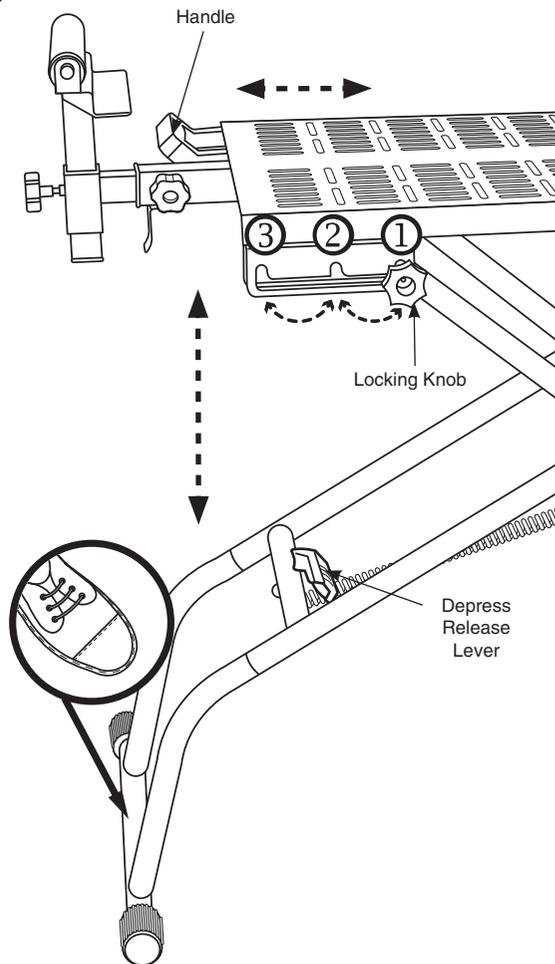
The stand has three positions.

Position 1: Work Height (82 cm)

Position 2: Work Height (68.5 cm)

Position 3: Storage/Transport Position

Figure 11



- Loosen the locking knobs on the adjusting brackets, both sides.
- Place one foot on the leg extension to hold the stand in place.

To raise

- Depress the release lever, lift and slightly pull the table top towards you and raise the table top.

To lower

- Lift and slightly push the table top away from you and lower the table top.
- Position the locking knob into one of the three position and tighten on each side.

TRANSPORTATION

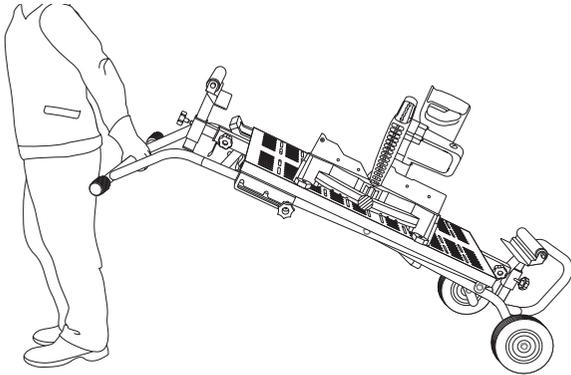
Refer to Figure 12, 13

WARNING

Risk of unsafe operation. Ensure proper footing and use caution when rolling the miter saw stand to prevent tipping or loss of balance.

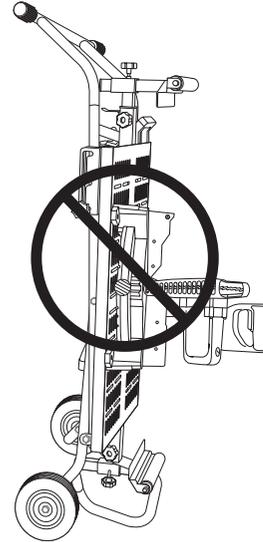
- See to Raise and Lower the Stand paragraph to place the stand in the Storage/Transport position. Make sure the locking knobs are tightened before transporting the stand.
- To move the stand, use handle to lift and tilt the miter saw stand onto the wheels. Move miter saw stand as shown.
- Holding the handle, carefully lower the stand to the ground.
- The stand may be stored in the vertical or horizontal position.

Figure 12



NOTE: Storing the stand in the vertical position with the saw attached is a tipping hazard.

Figure 13



MAINTENANCE



GENERAL MAINTENANCE

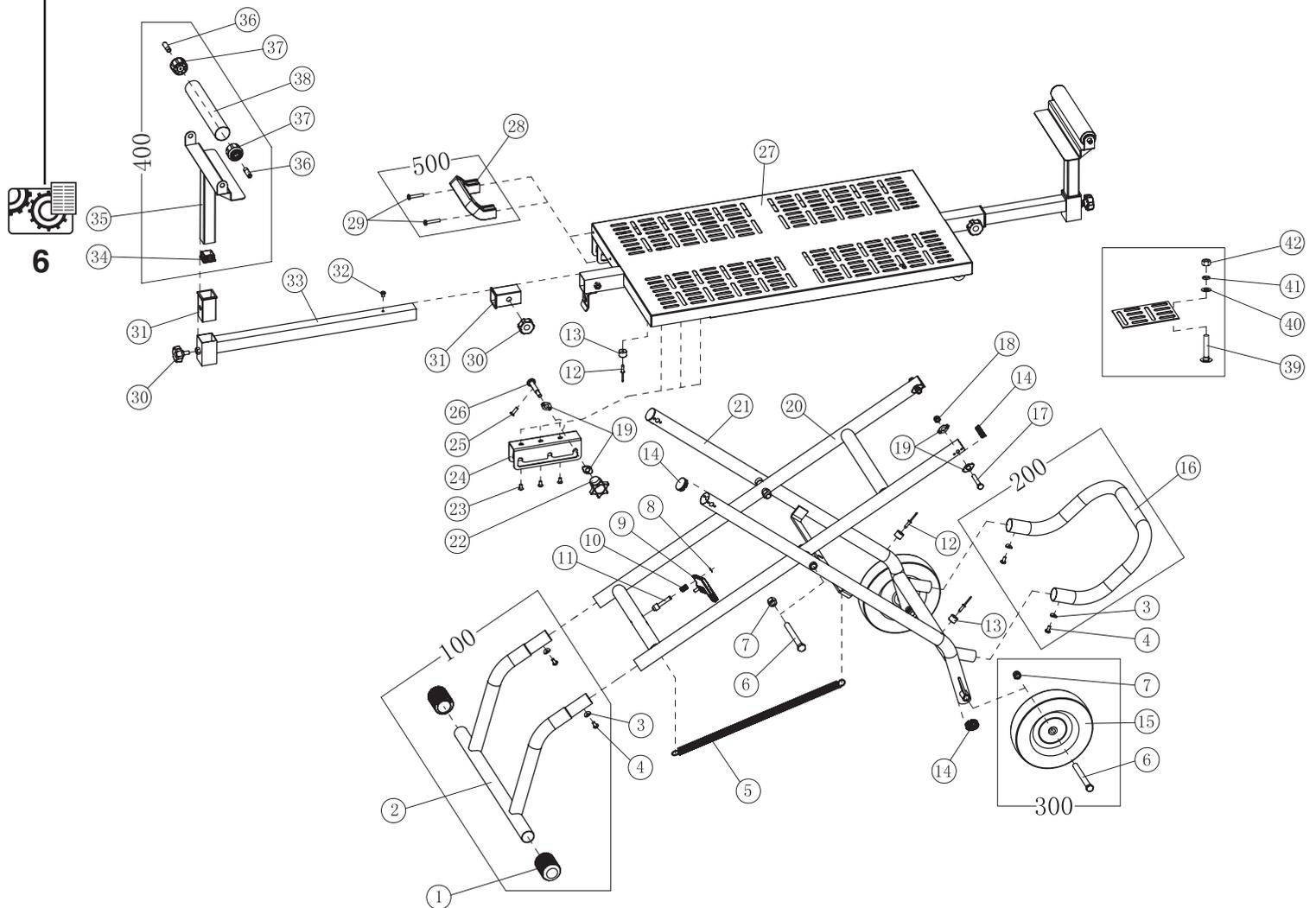
WARNING

When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage. To ensure safety and reliability, all repairs should be performed by a qualified service technician.

WARNING

Keep the miter saw stand dry, clean, and free from oil and grease. Always use a clean cloth when cleaning. Never use brake fluids, gasoline, petroleum based products or any strong solvent to clean the miter saw stand. Chemicals can damage, weaken or destroy plastic which may result in serious personal injury

6 MITER SAW STAND PARTS ILLUSTRATION AND LIST



Key#	Part#	Description	Specifications	Qty	Key#	Part#	Description	Specifications	Qty
1	MT4005001	Feet End Cap	PVC	2	23	MT4005023	Phillip Countersunk Screw	M6x12	6
2	MT4005002	Leg Extension		1	24	MT4005024	Clamping Brackets		2
3	MT4005003	Wave Washer	Steel	4	25	MT4005025	Phillip Countersunk Screw	M6x18	2
4	MT4005004	Phillip Pan Head Screw	M6x12	4	26	MT4005026	Height Adjust Shaft		2
5	MT4005005	Connecting Spring	65Mn, Ø19*Ø2.5 L=215mm	1	27	MT4005027	Work Top		1
6	MT4005006	Hex Bolt	M12x75mm	4	28	MT4005028	Handle	ABS	1
7	MT4005007	Hex Locking Nut	M12	4	29	MT4005029	Phillip Pan Head Screw	M6x35	2
8	MT4005008	Retaining Ring	Ø6	1	30	MT4005030	Adjust Knob	M8x18	2
9	MT4005009	Lock Handle		1	31	MT4005031	Insert Endcap for Guiding Tubes		4
10	MT4005010	Spring		1	32	MT4005032	Ph Screw M6x8	M6x8	4
11	MT4005011	Locking Pin	#45,7.8*52 (total length)	1	33	MT4005033	Extension Rail		2
12	MT4005012	Rivet		4	34	MT4005034	Roller Endcaps		2
13	MT4005013	Nylon Washers	PA6	4	35	MT4005035	Work Support Welding		2
14	MT4005014	Round Tube Endcaps	PE	6	36	MT4005036	Slotted Screw	Ø10x34.5	4
15	MT4005015	Rubber Casters	With Metal hub, size: 8"x2"	2	37	MT4005037	Rollers Insert Endcaps		4
16	MT4005016	Front Foot Tube		1	38	MT4005038	Rollers	Ø38	2
17	MT4005017	Hex Bolt	M8x50	2	39	MT4005039	Carriage Bolt	M8x45	4
18	MT4005018	Hex Nylon Nut	M6	2	40	MT4005040	Flat Washer	Ø8xØ16x2.0	4
19	MT4005019	Plastic Washer		2	41	MT4005041	Split Washer	Ø8	4
20	MT4005020	R Worktop Support		1	42	MT4005042	M8 Nut	M8	4
21	MT4005021	L Worktop Support		1					
22	MT4005022	Lock Knob		2					

WARRANTY

1 7

WARRANTY
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7

Thank you for investing in a **POWERTEC** power tool. This product has been designed and manufactured to meet high quality standards and is guaranteed for domestic use against defects in workmanship or material for a period of 12 months from the date of purchase. This guarantee does not affect your statutory rights.

SOUTHERN TECHNOLOGIES LLC. BENCH TOP AND STATIONARY POWER TOOL LIMITED 1 YEAR WARRANTY AND 30-DAY SATISFACTION GUARANTEE POLICY

POWERTEC products are designed and manufactured by **Southern Technologies LLC**. All warranty communications should be directed to **Southern Technologies LLC** by calling 847-780-6120, 9 AM to 5 PM, Monday through Friday, US Central Time.

30- DAY SATISFACTION GUARANTEE POLICY

During the first 30 days after the date of purchase, if you are dissatisfied with the performance of this **POWERTEC** tool for any reason, you may return the tool to the retailer from which it was purchased for a full refund or exchange. You must present proof of purchase and return all original equipment packaged with the original product. The replacement tool will be covered by the limited warranty for the balance of the one year warranty period.

LIMITED ONE YEAR WARRANTY

This warranty covers all defects in workmanship or materials in this **POWERTEC** tool for a one year period from the date of purchase. This warranty is specific to this tool. **Southern Technologies, LLC** reserves the right to repair or replace the defective tool, at its discretion.

HOW TO OBTAIN SERVICE

To obtain service for this **POWERTEC** tool you must return it, freight prepaid, to **POWERTEC**. You may call (toll free) 847-780-6120 for more information. When requesting warranty service, you must present the proof of purchase documentation, which includes a date of purchase. **POWERTEC** will either repair or replace any defective part, at our option at no cost to you. The repaired or replacement unit will be covered by the same limited warranty for the remainder of the one year warranty period.

WHAT IS NOT COVERED

This warranty applies to the original purchaser at retail and may not be transferred.

This warranty does not cover consumable items such as saw blades, knives, belts, discs, cooling blocks and sleeves. This warranty does not cover required service and part replacement resulting from normal wear and tear, including accessory wear.

This warranty does not cover any malfunction, failure or defect resulting from:

- 1) misuse, abuse, neglect and mishandling not in accordance with the owner's manual.
- 2) damage due to accidents, natural disasters, power outage, or power overload.
- 3) commercial or rental use.
- 4) alteration, modification or repair performed by persons not recommended by **POWERTEC**.

DISCLAIMER

To the extent permitted by applicable law, all implied warranties, including warranties of **MERCHANTABILITY** or **FITNESS FOR A PARTICULAR PURPOSE**, are disclaimed. Any implied warranties, that cannot be disclaimed under state law are limited to one year from the date of purchase. **Southern Technologies LLC**. is not responsible for direct, indirect, incidental or consequential damages. Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. **Southern Technologies LLC**., makes no warranties, representations, or promises as to the quality or performance of its power tools other than those specifically stated in this warranty.

POWERTEC

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