

# FREE SANDER

**Superlight, Quiet  
New low-vibration sander**



**Small and Lightweight for Comfort and Convenience**

Free Sander fits the hand like a glove. It's human-engineered to less tiring over longer periods of operation for big jobs, and compact enough to permit working easily in corners and other spots.

**Minimized Hand Vibration**

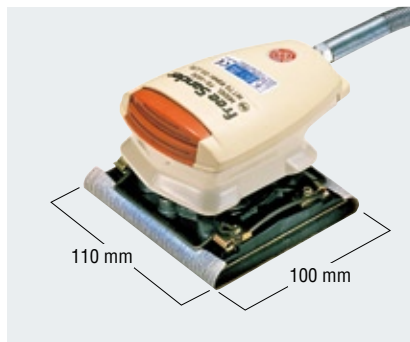
The turbine motor of FS-100C and the single-ball air motor of FS-50A are mounted directly onto the sanding pad to minimize the discomfort of hand vibration and lessen operator fatigue caused by vibration. This along with excellent control results in a finer finish on all surface materials.



**Powerful turbine motor**

This newly developed motor features a turbine disc and is capable of high speed orbits for super-fine finishing of all materials.

Model **FS-100C**



Model **FS-50A**



**Specifications**

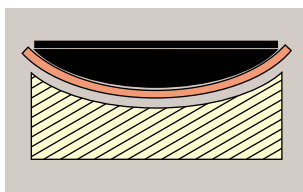
Model		FS-100C	FS-50A
<b>Rated Air Pressure</b>	MPa (kgf/cm <sup>2</sup> )	0.6 (6)	0.6 (6)
<b>Air Consumption (No load)</b>	m <sup>3</sup> /min	0.2	0.14
<b>Motor Free Speed</b>	min <sup>-1</sup>	20,000	15,000
<b>Orbit Diameter</b>	mm	1.5	1.2
<b>Pad Size</b>	mm	100 × 110	75 × 82
<b>Paper Size</b>	mm	114 × 140	70 × 114
<b>Mass (Weight)</b>	kg	0.5	0.5

**Standard Accessories**

- Air Hose H Ass'y : 1 set
- Bushing R 1/4 × NPT 1/4 : 1 pc.
- Abrasive paper #180 : 5 pcs.
- Abrasive paper #240 : 5 pcs.

- Air Hose H Ass'y : 1 set
- Bushing R 1/4 × NPT 1/4 : 1 pc.
- Abrasive paper #180 : 5 pcs.
- Abrasive paper #240 : 5 pcs.

**Optional Accessories**



**Round-Pad for FS-100C**

The pad is made of sponge rubber and conform easily to the shape being worked. Double-side tape is used with round pad.

**For Free Sander FS-100C**

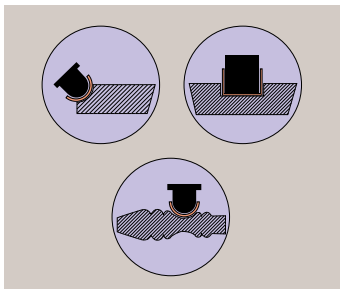
PN	Description	Qty
TA9A367	Rubber Pad Ass'y	1 pc.
TA91474	Round Pad Ass'y	1 pc.
TA9A265	Abrasive paper #100	200 pcs.
TA9A266	Abrasive paper #120	200 pcs.
TA9A267	Abrasive paper #150	200 pcs.
TA9A268	Abrasive paper #180	200 pcs.
TA9A269	Abrasive paper #240	200 pcs.
TA9A270	Abrasive paper #280	200 pcs.
TA9A271	Abrasive paper #320	200 pcs.
TB02235	Dust Collector Ass'y	1 pc.

**For Free Sander FS-50A**

PN	Description	Qty
TA99828	Rubber Pad Ass'y	1 pc.
TB02240	Dust Collector Ass'y	1 pc.

# LINE SANDER

**Sands to a clean finish and more in less time. Compact and light.**



### Special Sanding Pad

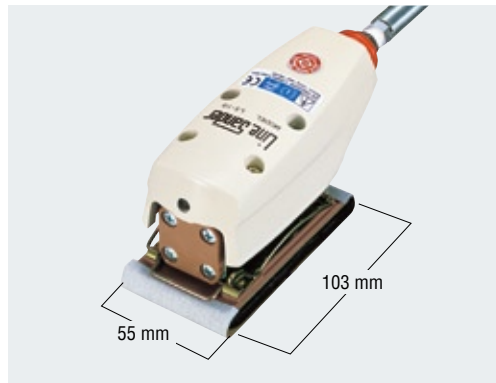
An accessory Block Rubber Pad Ass'y can be easily trimmed to conform the shape being worked.

<b>Standard Accessories</b>	<ul style="list-style-type: none"> <li>• Hose E Ass'y : 1 set</li> <li>• Bushing R 1/4 x NPT 1/4 : 1 pc.</li> <li>• Block Rubber Pad Ass'y : 1 set</li> <li>• Abrasive Paper #240 : 5 pcs.</li> <li>• Abrasive Paper #320 : 5 pcs.</li> <li>• Base Plate A Ass'y : 1 set</li> </ul>
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### Optional Accessories

PN	Description	Qty
TB02244	Dust Collector Ass'y	1 pc.

Model **LS-10**



### Light sanding with piston movement

A compact, lightweight and economical unit having amazingly low air consumption. Built rugged for long continuous hours of operation. Incorporates no gears and other complicated mechanisms.



### Double Piston Alignment

Special double-action minimizes both noise and vibration so the operator works in more comfort.

### Specifications

Model	<b>LS-10</b>	
<b>Rated Air Pressure</b>	MPa (kgf/cm <sup>2</sup> )	0.6 {6}
<b>Air Consumption (No load)</b>	m <sup>3</sup> /min	0.11
<b>Free Speed</b>	min <sup>-1</sup>	4,000
<b>Stroke</b>	mm	4
<b>Pad Size</b>	mm	55 x 103
<b>Abrasive Paper Size</b>	mm	57 x 140
<b>Mass (Weight)</b>	kg	0.75