

New

**VESSEL**  
Think Solutions!

# SP LINE

**Air Impact Wrench**  
No.VSP-1148

***Shock absorption! Low noise!***  
***Improved operability!***



Filter for Silencer

Gel-containing  
Grip

**550** Tightening Torque  
**N·m**

**12.7**  
(1/2")

**20mm**  
Ordinary Bolt Dia.

**2.5**  
kg

**GEL**  
Grip

**MADE IN JAPAN**

**Will be released in August 2025**

**VESSEL New Air Tool Series**

# SP LINE

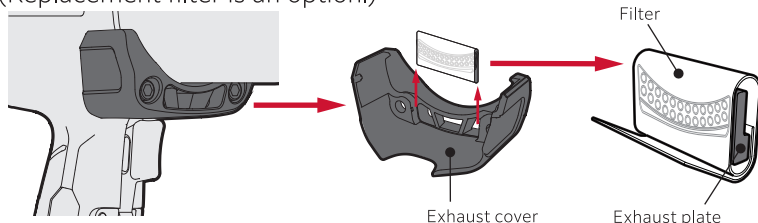
- VESSEL promotes product development, pursuing low noise, low vibration, and high durability.
- Specifications suitable for the industrial use as well as the automotive maintenance will be taken in the developed products.

## ► Shock Absorption!

- Gel-type elastomer filled in the grip absorbs vibrations.

## ► Low Noise!

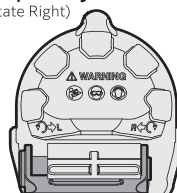
- A filter for silencer built in the exhaust port reduces exhaust noises.
- The filter can be easily replaced when gotten dirt.  
(Replacement filter is an option.)



## ► Improved Operability!

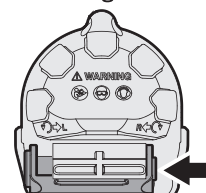
- Twin dog hammer mechanism enables efficient hammering.
- Soft resin is used for the handle. Non-slip texture finish. Shuts off cool air.
- Newly designed adjustment lever. By pushing the lever horizontally, switch the rotation directions (clockwise or counterclockwise).  
By moving the lever vertically, switch the torque:  
[Clockwise rotation] 3-step torque change.  
[Counterclockwise rotation] maximum torque (no change) for loosening work.
- Protector to prevent the aluminum body from being scratched when placed.

**Torque Adjustment**  
(Rotate Right)



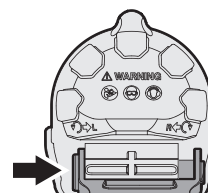
UP or DOWN the lever (3 steps)

**Rotate Right**



Push the lever from the right side.

**Rotate Left**



Push the lever from the left side.

● Ordinary Bot Dia. **20mm**

Easy to switch the rotations by pushing the dedicated lever. Loosening work by counterclockwise rotation at a maximum torque. Best for maintenance work.

- Twin hammer mechanism.
- Newly designed adjustment lever (counterclockwise/clockwise rotations, torque adjustment function available during clockwise rotation).
- Maximum torque for counterclockwise rotation.
- Shock absorption gel-containing grip.
- Retainer ring type.
- Front exhaust.
- Pistol shape.

### VSP-1148

12.7 Retainer ring

RoHS

[Mechanism]



### ■ Noise / Vibration

Noise	L <sub>PA</sub>	[dBA]	93
Conforms to ISO 4871	L <sub>WA</sub>	[dBA]	104
Vibration	Conforms to EN 12096	[m/s <sup>2</sup> ]	11.6

\*Air pressure 0.6MPa, Adjustment lever at a maximum torque position.

## SP LINE

Code No.	Model No.	Capacity Ordinary Bolt Dia. (mm)	Practical Torque Range (N·m)	No-load Speed (min <sup>-1</sup> )	Air Consumption (m <sup>3</sup> /min)	Hose Coupling	Operating Air Hose Inner Dia. (mm)	Overall Length (mm)	Weight (kg)	Accessory	JAN (4545695)
370196	VSP-1148	14~20	380~550	6,600	1.0	NPT1/4	9.5	198	2.5	Plug(1/4"NPT)	004057

- Operating air pressure: 0.6MPa ● Overall length/Weight...Accessory is not included.
- Capacity and torque values are for instant reference, subject to change depending on the actual operating conditions and others.

### ⚠ Warning

● To use the air tool safely, be sure to read attentively the instruction manual, understand fully the contents before use, and use in a right way. ● Wear protective goggles. ● Wear earplugs. ● Use the product with the proper air pressure. ● Any modification on the product is prohibited.



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