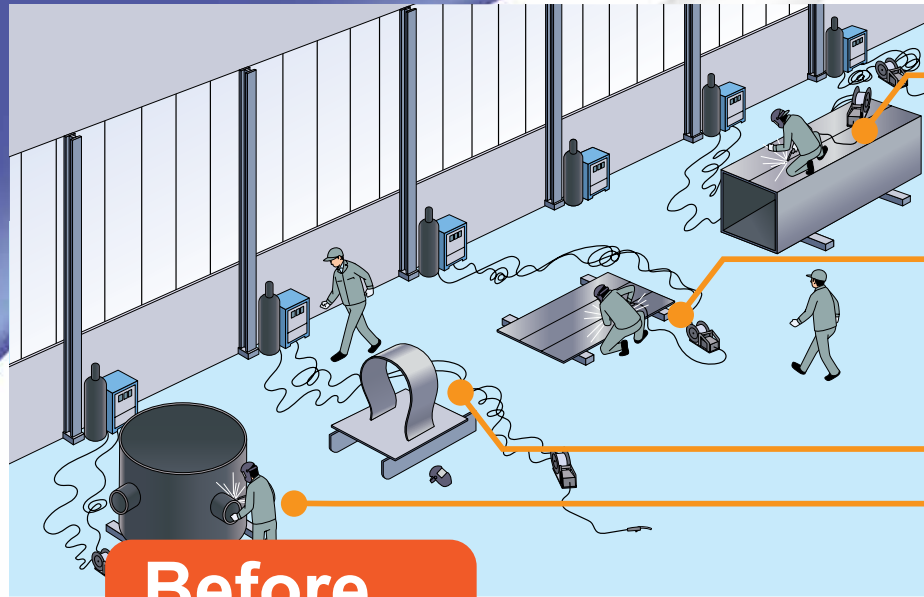


# Thinking about improving how you use your current space?

Introduce Space Arm into your work site as a means to solve each issue shown below-instantly. A safe and comfortable site can bring work efficiency to the next level!



**Before**

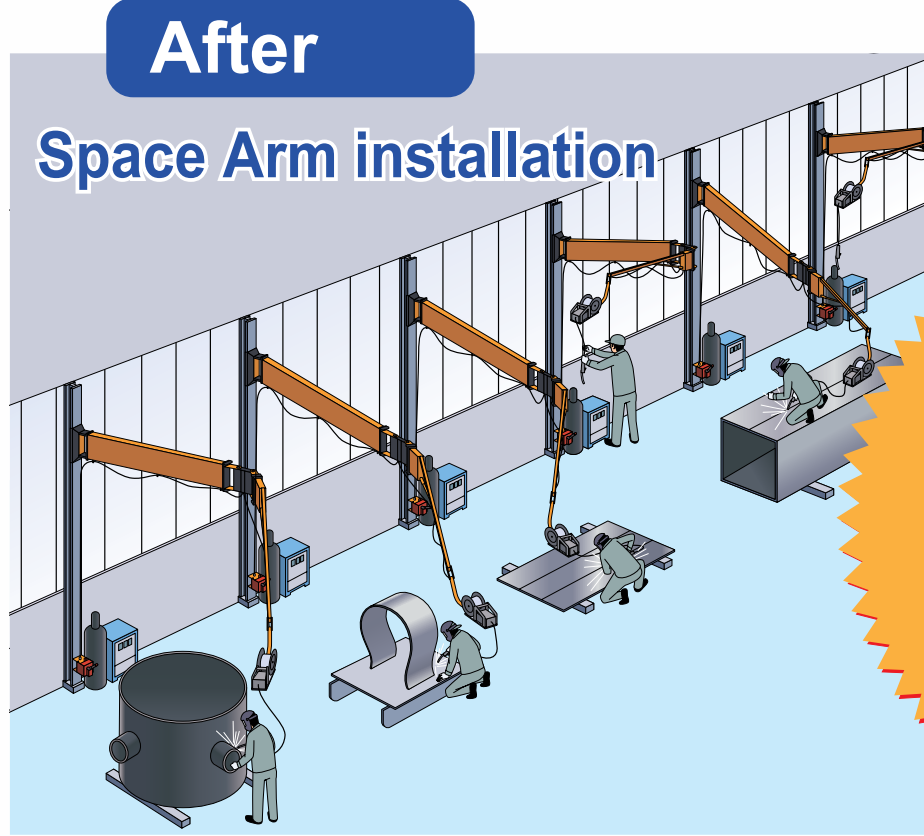
**More efficient and safe**

Storing equipment is a hassle!

Loose cables and hoses damaged by conveyors!

Feeder device left on the floor restricts working area!

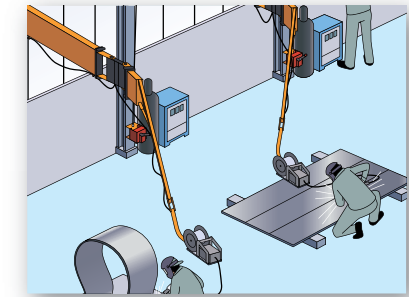
Damage or trip on cables and hoses.



**After**

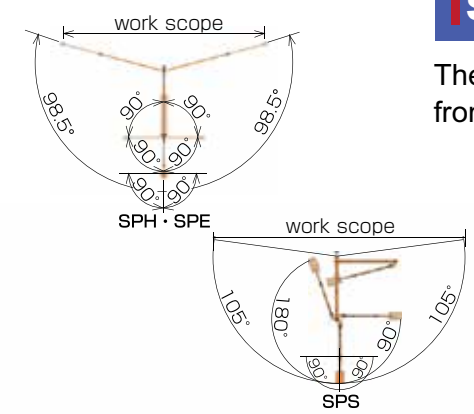
**Space Arm installation**

**Much less damage to cables and hoses.**



**Expanded actual work area**

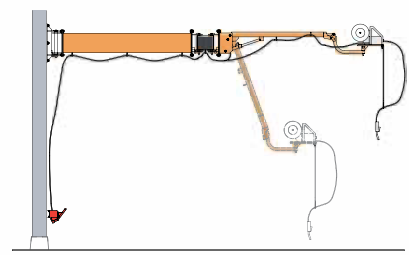
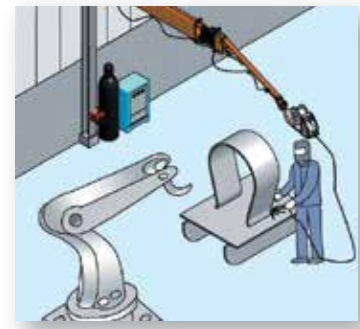
The arm moves in three dimensions so that the feeder device is constantly over the work piece, allowing it to be used over a wider work area.



**Supports a wide variety of work pieces**

The machine uses a three shaft-type arm to support a wide range of scenarios, from large structures to small work pieces.

**Ideal for robot pre/post processing**



**Simple wire exchange**

The lifting arm is raised/lowered on a motorized pole cylinder, making it simple to replace the wires in the feeder device.



**Fold and store**

The lifting arm can be folded toward the support column, for quick and compact storage.

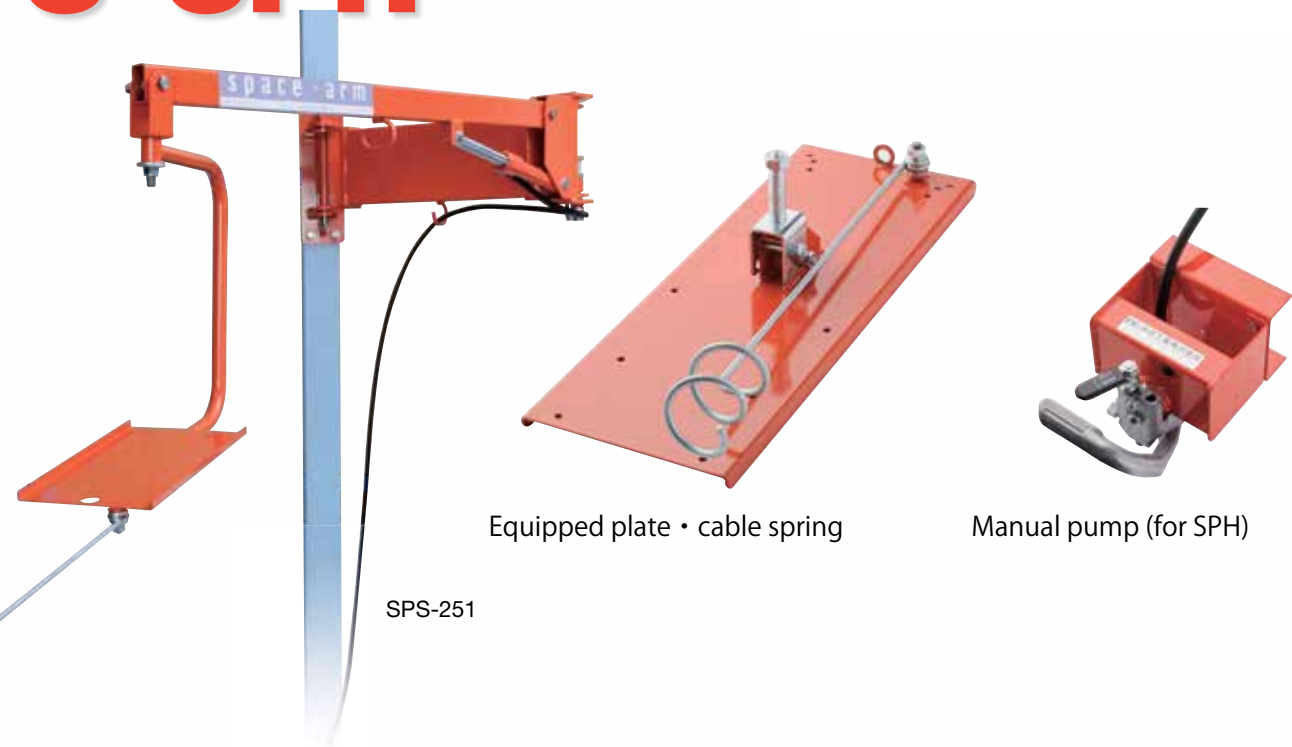
**Other features**

The torch is light and easy to pull, making work more efficient. Light and solid design uses an extremely rigid box structure for the arm. Requires less time to inspect work and clean up. Less frequent replacement of cables, torch, and chips. The brushless motor is vector-controlled for smooth movement.

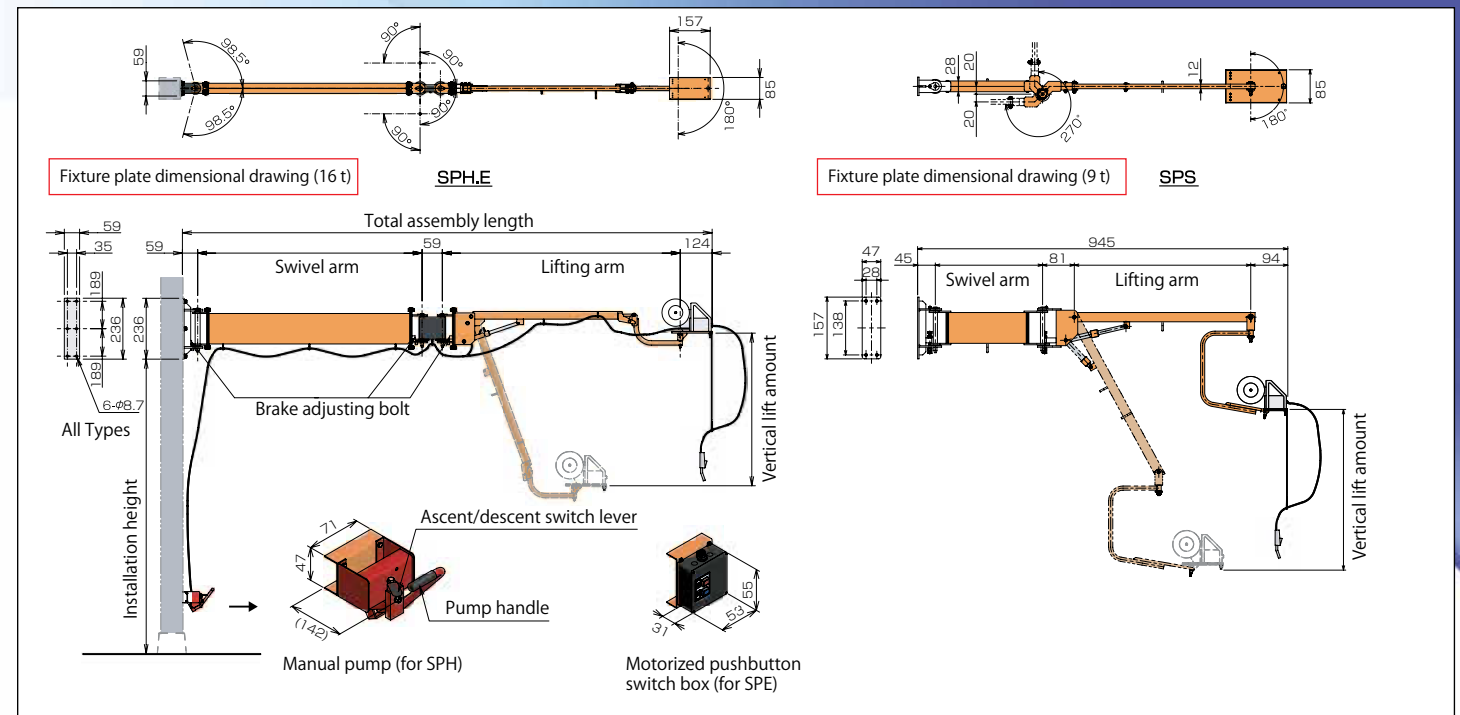
# SPE Electric



# SPS-SPH Manual



## Space Arm dimensional drawing



## Specifications

Unit: inch

Ascent and descent method	Electric model SPE							Manual model SPS-SPH									
	Model	SPE-306	SPE-406	SPE-506	SPE-606	SPE-706	SPE-626	SPE-826	SPS-251	SPS-351	SPH-306	SPH-406	SPH-506	SPH-606	SPH-706	SPH-626	SPH-826
Maximum load	110.2 lbs							88.2 lbs		110.2 lbs							
Total assembly length	124.8"	164.2"	198.9"	237.0"	270.5"	237.0"	309.9"	94.5"	133.9"	124.8"	164.2"	197.6"	237.0"	270.5"	237.0"	309.8"	
Swivel arm	-	47.6"	81.1"	120.5"	153.9"	81.1"	120.5"	27.4"	66.7"	-	47.6"	81.1"	120.5"	153.9"	81.1"	153.9"	
Installation height	Approx. 98.4"				Approx. 126.0"			59.1" ~ 98.4"		Approx. 98.4"				Approx. 126.0"			
Lifting arm	92.1"				131.5"			45.0"		92.1"				131.5"			
Vertical lift load	3306.9 lbs				4850.2 lbs			2204.6 lbs		3306.9 lbs				4850.2 lbs			
Unloaded weight	169.8 lbs	233.7 lbs	293.2 lbs	363.8 lbs	429.9 lbs	319.7 lbs	451.9 lbs	Approx. 88.2 lbs	Approx. 99.2 lbs	169.8 lbs	233.7 lbs	293.2 lbs	363.8 lbs	429.9 lbs	319.7 lbs	451.9 lbs	
Lifting/lowering device	Dry cylinder (motorized ball screw)							Hydraulic cylinder									
Ascent/descent time	Top/Bottom for 24 seconds							-									
Power switch	Brushless Motor 90 VDC, 70 W with electromagnetic brake							Manual hydraulic type									
Power source	AC100V50/60Hz 3A							-									
Operation method	Two pushbutton type (built-in microcomputer)							Manual pump operations: 40		Manual pump operations: 40							
High-pressure hose length (SPH)	-							255.9"				315.0"					
Power wire length (SPH)	255.9"			315.0"				-									

\* This machine does not include a welding machine or feeder device.

\* If using a digital feeder device, a load plate will need to be ordered separately.

## Usage precautions

- Use solely for the intended purpose.
- Check on a regular basis for any loose nuts, screws & bolts.
- Retighten any loose nuts, screws & bolts.
- Do not use if there is any cracking, chipping, abrasion, or deformation are observed.
- Do not use it close to any fire; there is a risk of burning the paint coating of the machine.
- Do not overload the units recommended weight capacity.

\* Contact your local distributor for repair requests or when purchasing replacement parts. It is recommended that you keep a record of the distributor that you purchased the unit from, when calling in provide the model type, serial number, and purchase date.