

Arm Types

VESSEL

1) Double-link arm

(with two arms connected by a linked structure)

Advantages : • Highly flexible with a wide range of arm movement.

 Stable tightening accuracy with horizontal movement of the electric screwdriver.

•Balancing effect for weight load reduction.

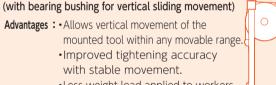


Model: HFS1-300-1DR · · · 155P

HFS1-300-1D · · · 155P HFC1-300DR · · · · 155P

2) Linear arm with tool balancer

HFKCC-3-1DR···· 156P



 Less weight load applied to workers with a tool balancer for reduction of the overall weight including the mounted tool.

Note: With a lever type electric screwdriver, the lever may not be accessed appropriately in case of use in a horizontally wide work area.

Model: VAB-5 154P

3) Single-link arm

(combination of horizontal arm and spring-integrated arm)

Advantages: • Suitable for use in a narrow space or on a small worktable than the double-link arm type.

•Simple movement as this type consists of only one piece of spring-integrated arm.

·Light operationality, smooth vertical movement.



Model: HFAC-3-1DR ····· 156P

4) Simplified stand arm

Advantages: • Effective to reduce the rotational load of the electric screwdriver.

- ·Low cost due to simple structure design.
- ·Can be moved freely in all directions.

Note: A tool balancer is required to reduce the weight load of a tool.



Model: VRS-5 · ·

Model: VTS-5/950 156P

5) Telescopic arm

(with carbon pipes that extend and contract)

Advantages: • Usable on a narrow workbench due to compact size.

- •Made of a strong lightweight carbon fiber.
- •Can be moved freely without load in all directions.
- •Installable in ceilings and walls.

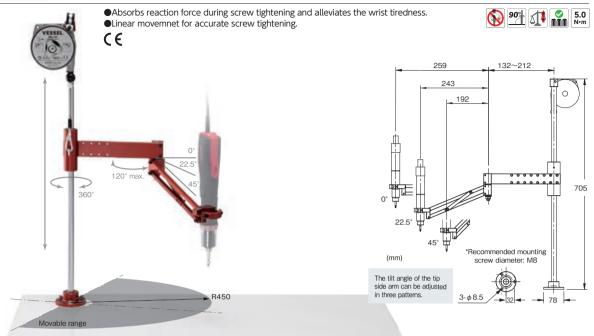
Note: • A tool balancer is required to reduce the weight load of a tool.

·With a lever type electric screwdriver, the lever may not be accessed appropriately in case of use in a horizontally wide work area.



VESSEL

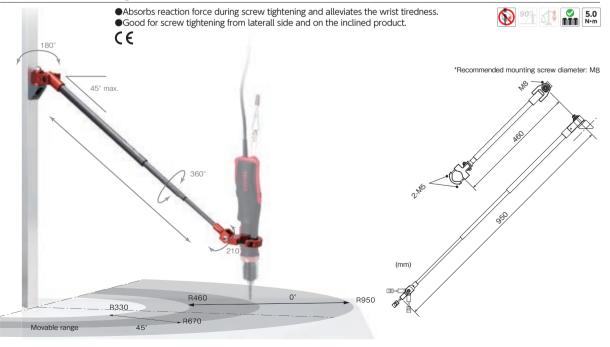




Mod	del No.	Max. Reaction Force (N·m)	Maximum load (kg)	Installed Tool O/D (Фmm)	Height (mm)	Movable Radius (mm)	Weight (kg)	EDP No.
V	AB-5	5	1.2	25~42	705	to R450 (When the arm angle is 22.5 degrees)	3.1 (Accessories included)	551082

Applicable: VE series (Electric Screwdriver) All models Contents: Tool balancer (VBL-30)

No. VTS-5/950 Sliding Arm NEW



Model No.	Max. Reaction Force (N·m)	Maximum load (kg)	Installed Tool O/D (Φmm)	Arm Length (mm)	Movable Radius (mm)	Weight (kg)	EDP No.
VTS-5/950	5	1.2	25~42	460~950	R330 to 670 (When the arm angle is 45 degrees)	0.53 (Accessories included)	551083

S100L

No. HFS1-300-1D/R Hand Free Arm NEW

•Accurate screw tightening by stable vertical and/or horizontal movement.

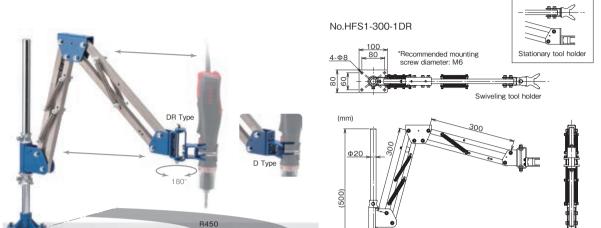
Tool attachement section which rotates facilitates tool operation in the application where the tool needs to be moved back and forth, up and down.



*D type: Absorbs reaction force during tapping screw tightening and alleviates the wrist tiredness.

No.HFS1-300-1D

Uniform movement and improved tightening performance accuracy



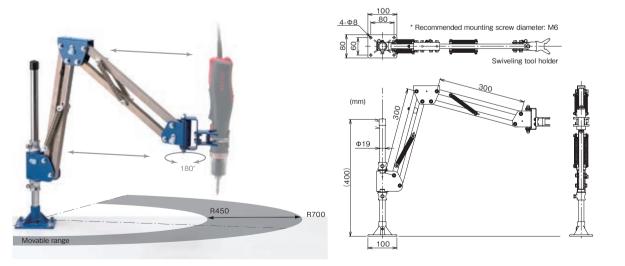
Model No.	Max. Reaction Force (N•m)	Allowable load (kg)	Installed Tool O/D (Фmm)	Arm Length (mm)	Movable Radius (mm)	Weight (kg)	EDP No.
HFS1-300-1DR	5.2	0.8~1.2	35~45	300+300	R450~700	4.1 (Accessories not included)	552053
HFS1-300-1D	5.2	0.8~1.2	35~45	300+300	R450~700	4.1 (Accessories not included)	552054

Applicable: VE-3000, VE-4000 (P, AC, PAC), VE-4500 (P, AC, PAC), VE-5000 (P, SOP, PSOP), VE-6000 (P, SOP, PSOP) Contents: Replacement kit, Rubber sheet, Hose band

No. HFC1-300DR Hand Free Arm NEW

- Absorbs reaction force during screw tightening and alleviates the wrist tiredness.
- •Tool attachement section which rotates facilitates tool operation in the application where the tool needs to be moved back and forth, up and down.
- ●Light-weight and cost-saving type.

Movable range



Model No.	Max. Reaction Force (N•m)	Allowable load (kg)	Installed Tool O/D (Фmm)	Arm Length (mm)	Movable Radius (mm)	Weight (kg)	EDP No.
HFC1-300DR	4.5	0.8~1.2	35~45	300+300	R450~700	2.7 (Accessories not included)	552051
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BITS & SOCKETS

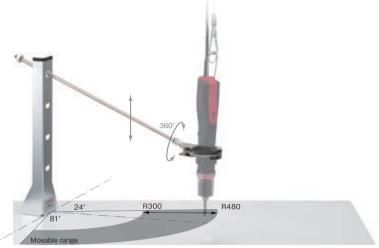
VESSEL

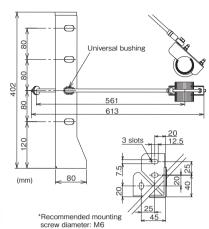
No. VRS-5 Reaction Control Arm NEW

•This stand absorbs impact caused during screw tightening and reduces the operation load. Enables to tighten screws assuredly.



•Also enables to tighten screws horizontally located.



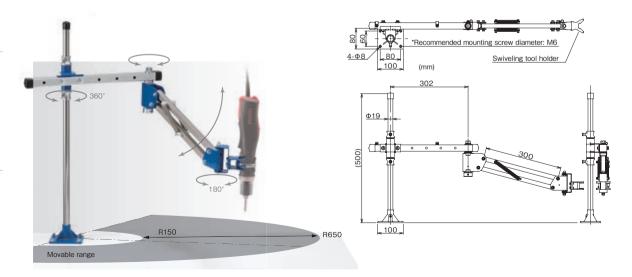


Model No.	Max. Reaction Force (N·m)	Maximum load (kg)	Installed Tool O/D (Φmm)	Shaft Length (mm)	Movable Radius (mm)	Weight (kg)	EDP No.
VRS-5	4.5	1.1	40	561	R300~480	0.85	551081

Applicable: VE-6000 (P, SOP, PSOP), VE-5000 (P, SOP, PSOP) Contents: Free Bush (1 spare), Rubber cover bush

No. HFAC-3-1DR Hand Free Arm NEW

- •Accurate screw tightening with the arm tool keeping the vertical positioning of the screwdriver.
- ●Good for a work in a cramped space or with a small product.
- Tool attachment part which rotates, enables to handle the electric screwdriver freely in an application which requires to move it here and there.



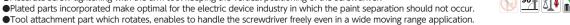
Model No.	Max. Reaction Force (N•m)	Applicable elec Weight (kg)	tric screwdrivers Tool O/D (Фmm)	Arm Length (mm)	Movable Radius (mm)	Weight (kg)	EDP No.
HFAC-3-1DR	4.5	0.6~1.0	35~45	302+300	R150~650	3.1(Accessories not included)	552055

No. HFKCC-3-1DR Hand Free Arm NEW

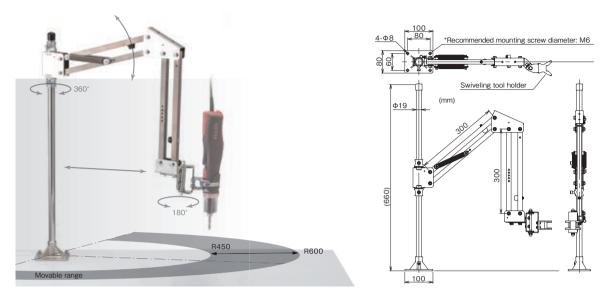
VESSEL

- ●Accurate screw tightening with the arm tool keeping the vertical positioning of the screwdriver.





Uniform movement and improved tightening performance accuracy



Model No.	Max. Reaction Force (N•m)	Applicable elect Weight (kg)	tric screwdrivers Tool O/D (Фтт)	Arm Length (mm)	Movable Radius (mm)	Weight (kg)	EDP No.
HFKCC-3-1DR	4.5	0.6~1.0	35~45	300+300	R450~600	2.9(Accessories not included)	552056

Applicable: VE-3000, VE-4000 (P, AC, PAC), VE-4500 (P, AC, PAC), VE-5000 (P, SOP, PSOP), VE-6000 (P, SOP, PSOP) Contents: Replacement kit, Rubber sheet, Hose band