Hydraulic Pump 001-010

- ♦ Electric, hand and foot type pump
- ♦ Nittoh electric pump

Hydraulic Compression Tool 011-030

- ♦ Directly, separate type compression tool
- ♦ Compression hand tool

Battery-Powered Tool 031-034

♦ Battery-powered compression, cutting tool

Multiple Tool 035-036

♦ Any kind of compression, cutting tool

Hydraulic Cutting Tool 037-046

- ♦ Directly, separate type cutting tool
- ♦ Cutting hand tool
- ♦ Portable band saw machine

Hydraulic Punching Tool 047-052

- ♦ Copper, aluminum, iron plate and angle steel punching tool
- ♦ Light steel and switchboards punching tool

Busbar Tool 053-060

♦ Complex busbar tool

Pipe Bending Tool 061-064

♦ Hydraulic, hand pipe bending tool

Hydraulic Screw Nut Cutting Tool 065-066

♦ Directly, separate type screw nut cutting tool

Hydraulic Wheel-Pulling Tool 067-072

♦ Directly, separate type wheel-pulling tool

Hydraulic Cylinder 073-082

- ♦ Genera, low height and flat cylinder
- ♦ Single and double-acting, hollow plunger cylinder
- ♦ Hydraulic bottle jack, toe jack

High Pressure Wire Stripper	083-086
Wire Releasing Tray	087-088
Cable Slipping Wheel Frame	089-090

Wire Pulling Net 091-092

Safety Protective Garment 093

- ♦ Insulating gloves
- **♦** Safety belt

Hydraulic Parts

094

Pressure regulating valve and any kind of valves











CTE-25AS

Single-Action Power Pump

- ◆ High-pressure hydraulic power pump, accompanied with a variety of single-hole hydraulic tools, driven by a motor at high speed two-section high and low pressure quickly out of oil, the maximum output pressure 700kgf / cm² (10000psi).
- ◆ Electric hydraulic pump oil provide quickly, saving time and effort high efficiency.
- ◆ With bottom switch JOG control.
- ◆ With 2M high pressure hose, 360 degree rotation direction.
- ◆ Applied voltage 110V (220V motor is also provided).
- ◆ Oil storage capacity, suitable for oil: R32 special circle oil.

CTE-25ARS

Single-Action Auto Oil-Returning Power Pump

- ◆ High-pressure hydraulic power pump, accompanied with a variety of single-hole hydraulic tools, driven by a motor at high speed two-section high and low pressure quickly out of oil, the maximum output pressure 700kgf / cm² (10000psi).
- ◆ Electric hydraulic pump oil provide quickly, saving time and effort high efficiency.
- ◆ With button switch which oil-returned automatically while stopped pushing the button.
- ◆ With 2M high pressure hose, 360 degree rotation direction.
- ◆ Applied voltage 110V (220V motor is also provided).
- ◆ Oil storage capacity, suitable for oil: R32 special circle oil.



Item	Max. Output Pressure (kg/cm² /psi)	Output Pressure (kg/cm) ²	Output Oil (L/min)	Motor (kw)	Oil storage (cc)	Net Weight (kg)	Size:LxWxH (mm)
CTE-25AS	700 / 10000	Low 0 - 20 High 20-700	Low 2.6 High 0.32	1	2700	14.8	235x255x410
CTE-25ARS	700 / 10000	Low 0 - 20 High 20-700	Low 2.6 High 0.32	1	2700	14.8	235x255x410



CTF-25AG

Single-Action Power Pump with Oil Gauge

- ◆ High-pressure hydraulic power pump, accompanied with a variety of single-hole hydraulic tools, driven by a motor at high speed two-section high and low pressure quickly out of oil, the maximum output pressure 700kgf / cm² (10000psi).
- ◆ Electric hydraulic pump oil provide quickly, saving time and effort high efficiency.
- With bottom switch JOG control.
- ◆ With the high-pressure oil gauge to read the working pressure value, to avoid overloading.
- ◆ With 2M high pressure hose, 360 degree rotation direction.
- ◆ Applied voltage 110V (220V motor is also provided).
- ◆ Oil storage capacity, suitable for oil: R32 special circle oil.

CTE-25AS+Pressure Regulating Valve

Single-Action Power Pump with Pressure Regulating Valve

- High-pressure hydraulic power pump, accompanied with a variety of single-hole hydraulic tools, driven by a motor at high speed two-section high and low pressure quickly out of oil, the maximum output pressure 700kgf / cm² (10000psi).
- Electric hydraulic pump oil provide quickly, saving time and effort high efficiency.
- ◆ With bottom switch JOG control.
- ◆ With pressure regulating valve can be preset pressure. The motor will stop running automatically while pressure reaches to protect the pump.
- ◆ With 2M high pressure hose, 360 degree rotation direction.
- ◆ Applied voltage 110V (220V motor is also provided).
- ◆ Oil storage capacity, suitable for oil: R32 special circle oil.
- CTE-25ARS also can accompany pressure regulatingvalve, it can both power-off to protect automatically when the pressure reaches and automatically oil-returning.



Item	Max. Output Pressure (kg/cm² /psi)	Output Pressure (kg/cm) ²	Output Oil (L/min)	Motor (kw)	Oil storage (cc)	Net Weight (kg)	Size:LxWxH (mm)
CTE-25AG	700 / 10000	Low 0 - 20 High 20-700	Low 2.6 High 0.32	1	2700	15.3	235x255x410
CTE-25AS +Pressure Regulating Valve	700 / 10000	Low 0 - 20 High 20-700	Low 2.6 High 0.32	1	2700	15.4	235x255x410





FEP-SSJ

Single-Action Power Pump

- ◆ High-pressure hydraulic power pump, accompanied with a variety of single-hole hydraulic tools, driven by a motor at high speed two-section high and low pressure quickly out of oil, the maximum output pressure 700kgf / cm² (10000psi).
- ◆ Electric hydraulic pump oil provide quickly, saving time and effort high efficiency.
- ◆ With bottom switch JOG control.
- ◆ With 2M high pressure hose, 360 degree rotation direction.
- ◆ Applied voltage 110V (220V motor is also provided).
- ◆ Oil storage capacity, suitable for oil: R32 special circle oil.

FEP-SSJ-ARS

Single-Action Auto Oil-Returning Power Pump

- ◆ High-pressure hydraulic power pump, accompanied with a variety of single-hole hydraulic tools, driven by a motor at high speed two-section high and low pressure quickly out of oil, the maximum output pressure 700kgf / cm² (10000psi).
- ◆ Electric hydraulic pump oil provide quickly, saving time and effort high efficiency.
- ◆ With button switch which oil-returned automatically while stopped pushing the button.
- ◆ With 2M high pressure hose, 360 degree rotation direction.
- ◆ Applied voltage 110V (220V motor is also provided).
- ◆ Oil storage capacity, suitable for oil: R32 special circle oil.



Item	Max. Output Pressure (kg/cm² /psi)	Output Pressure (kg/cm) ²	Output Oil (L/min)	Motor (kw)	Oil storage (cc)	Net Weight (kg)	Size:LxWxH (mm)
FEP-SSJ	700 / 10000	Low 0 - 20 High 20-700	Low 2.6 High 0.32	1	2400	14.7	350X120X210
FEP-SSJ-ARS	700 / 10000	Low 0 - 20 High 20-700	Low 2.6 High 0.32	1	2400	14.7	350X120X210



CTE-25AD

Double-Action Power Pump

- ◆ High-pressure hydraulic power pump, accompanied with both single and double-hole hydraulic tools, driven by a motor at high speed two-section high and low pressure quickly out of oil, with manually switch four-direction, three-position valve.
- ◆ In case of large-tonnage hydraulic press or long-stroke (Ex: more than 50 Ton, or above 120 mm stroke), due to the limited spring tension, oil return slowly, so use double acting hydraulic pump to increase the oil return speed.
- ◆ The maximum working pressure is 700kgf / cm² (10000psi) both in and out oil, so the oil return can also produce the same tonnage.
- ◆ Electric hydraulic pump oil provide quickly, saving time and effort high efficiency.
- ◆ With bottom switch JOG control.
- ◆ With 2M high pressure hoses.
- ◆ Applied voltage 110V (220V motor is also provided).

 Oil storage capacity, suitable for oil: R32 special circle oil.

CTE-25ADV

Double-Action Power Pump

- ◆ High-pressure hydraulic power pump, accompanied with double-hole hydraulic tools, driven by a motor at high speed two-section high and low pressure quickly out of oil, two sets of solenoid valve control the oil in and out.
- ◆ In case of large-tonnage hydraulic press or long-stroke (Ex: more than 50 Ton, or above 120 mm stroke), due to the limited spring tension, oil return slowly, so use double acting hydraulic pump to increase the oil return speed.
- ◆ The maximum working pressure is 700kgf / cm² (10000psi) both in and out oil, so the oil return can also produce the same tonnage.
- Electric hydraulic pump oil out quickly, saving time and effort high efficiency.
- With the high pressure oil gauge to read the working pressure value, to avoid overloading.
- ◆ With bottom switch JOG control.
- ◆ With 2M high pressure hoses.
- ◆ Applied voltage 110V (220V motor is also provided).
- ◆ Oil storage capacity, suitable for oil: R32 special circle oil.



Item	Max. Output Pressure (kg/cm² /psi)	Output Pressure (kg/cm) ²	Output Oil (L/min)	Motor (kw)	Oil storage (cc)	Net Weight (kg)	Size:LxWxH (mm)
CTE-25AD	700 / 10000	Low 0 - 20 High 20-700	Low 2.6 High 0.32	1	2700	17.8	340X255X410
CTE-25ADV	700 / 10000	Low 0 - 20 High 20-700	Low 2.6 High 0.32	1	2700	22.2	185X310X460





CP-700

Hand Pump

- ◆ High-pressure single-hole operative pump with high and low two-section quick oil output, the maximum output pressure 700kgf / cm² (10000psi).
- ◆ Fast, easy to carry, suitable for non-power state workplace.
- ◆ Pressure can be kept stopped, the pump internal design with high-pressure safety device.
- ◆ With 2M high pressure hose.
- ◆ Applicable Oil: R32 special circle oil.

CP-700-G

Hand Pump with Oil Gauge

- ◆ High-pressure single-hole operative pump with high and low two-section quick oil output, the maximum output pressure 700kgf / cm² (10000psi).
- Fast, easy to carry, suitable for non-power state work place.
- Pressure can be kept stopped, the pump internal design with high-pressure safety device.
- With the high pressure oil gauge to read the working pressure value, to avoid overloading.
- ◆ With 2M high pressure hose.
- ◆ Applicable Oil: R32 special circle oil.



CP-700-D

Double-Action Hand Pump



- ◆ High-pressure hand pump, hydraulic tool can be used with single and double-holes, manual type, high and low two-section oil provide quickly, with manually switch four-direction, three-position valve.
- ◆ In case of large-tonnage hydraulic press or long-stroke (Ex: more than 50 Ton, or above 120 mm stroke), due to the limited spring tension, oil return slowly, so use double acting hydraulic pump to increase the oil return speed.
- ▶ The maximum working pressure is 700kgf / cm² (10000psi) both in and out oil, so the oil return can also produce the same tonnage.
- ♦ Fast, easy to carry, suitable for non-power state workplace.
- Pressure can be kept stopped, the pump internal design with high-pressure safety device.
- ◆ With 2M high pressure hoses.
- ◆ Applicable Oil: R32 special circle oi.

Item	Max. Output Pressure (kg/cm² /psi)	Output Pressure (kg/cm) ²	Output Oil (L/min)	Oil storage (cc)	Net Weight (kg)	Size:LxWxH (mm)
CP-700	700 / 10000	Low 0 - 25 High 25-700	Low 13 High 2.3	900	8.3	520x135x150
CP-700-G	700 / 10000	Low 0 - 25 High 25-700	Low 13 High 2.3	900	8.8	630x135x150
CP-700-D	700 / 10000	Low 0 - 25 High 25-700	Low 13 High 2.3	900	9.9	690x135x150



CP-700-2A

Large Oil Capacity Hand Pump

- ◆ High-pressure single-hole operative pump with high and low two-section quick oil output, the maximum output pressure 700kgf/cm² (10000psi).
- ◆ Fast, easy to carry, suitable for non-power state workplace.
- Pressure can be kept stopped, the pump internal design with high-pressure safety device.
- ◆ With 2M high pressure hose.
- ◆ Oil storage capacity, suitable for large tonnage or long stroke hydraulic tools.
- ◆ Applicable Oil: R32 special circle oil.

CP-700-2A-G

Large Oil Capacity Hand Pump with Oil Gauge

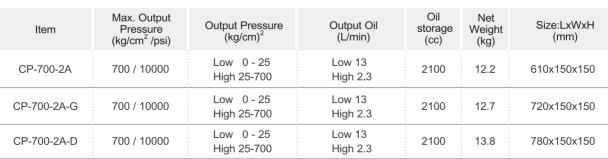
- ◆ High-pressure single-hole operative pump with high and low two-section quick oil output, the maximum output pressure 700kgf/cm² (10000psi).
- ◆ Fast, easy to carry, suitable for non-power state workplace.
- Pressure can be kept stopped, the pump internal design with high-pressure safety device.
- With the high pressure oil gauge to read the working pressure value, to avoid overloading.
- ◆ With 2M high pressure hose.
- Oil storage capacity, suitable for large tonnage or long stroke hvdraulic tools.
- ◆ Applicable Oil: R32 special circle oil.

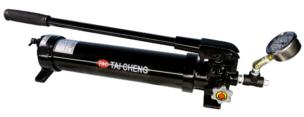


CP-700-2A-D

Double-Action, Large Oil Capacity Hand Pump

- ◆ High-pressure hand pump, hydraulic tool can be used with single and double-holes, manual type, high and low two-section oil provide quickly, with manually switch four-direction, three-position valve.
- In case of large-tonnage hydraulic press or long-stroke (Ex: more than 50 Ton, or above 120 mm stroke), due to the limited spring tension, oil return slowly, so use double acting hydraulic pump to increase the oil return speed.
- The maximum working pressure is 700kgf / cm² (10000psi) both in and out oil, so the oil return can also produce the same tonnage.
- ◆ Fast, easy to carry, suitable for non-power state workplace.
- ◆ Pressure can be kept stopped, the pump internal design with high-pressure safety device.
- ◆ With 2M high pressure hoses.
- ◆ Oil storage capacity, suitable for large tonnage or long stroke hydraulic tools.
- ◆ Applicable Oil: R32 special circle oil.











CFP-800-1

Foot Pump

- ◆ High-pressure single-hole operative pump with high and low two-section quick oil output, the maximum output pressure 700kgf / cm² (10000psi).
- ◆ Fast, easy to carry, suitable for non-power state workplace.
- Pressure can be kept stopped, the pump internal design with high-pressure safety device.
- ◆ With 2M high pressure hose.
- ◆ Applicable Oil: R32 special circle oil.

CFP-800-1-G

Foot Pump with Oil Gauge

- ◆ High-pressure single-hole operative pump with high and low two-section quick oil output, the maximum output pressure 700kgf / cm² (10000psi).
- ◆ Fast, easy to carry, suitable for non-power state workplace.
- ◆ Pressure can be kept stopped, the pump internal design with high-pressure safety device.
- With the high pressure oil gauge to read the working pressure value, to avoid overloading.
- ◆ With 2M high pressure hose.
- ◆ Applicable Oil: R32 special circle oil.



CFP-800-1-D

Double-Action Foot Pump



- ◆ High-pressure hand pump, hydraulic tool can be used with single and double-holes, manual type, high and low two-section oil provide quickly, with manually switch four-direction, three-position valve.
- ◆ In case of large-tonnage hydraulic press or long-stroke (Ex: more than 50 Ton, or above 120 mm stroke), due to the limited spring tension, oil return slowly, so use double acting hydraulic pump to increase the oil return speed.
- ◆ The maximum working pressure is 700kgf / cm² (10000psi) both in and out oil, so the oil return can also produce the same tonnage.
- ◆ Fast, easy to carry, suitable for non-power state workplace.
- ◆ Pressure can be kept stopped, the pump internal design with high-pressure safety device.
- With 2M high pressure hoses.
- ◆ Applicable Oil: R32 special circle oi.

Item	Max. Output Pressure (kg/cm² /psi)	Output Pressure Output Oil (kg/cm) ² (L/min)		Oil storage (cc)	Net Weight (kg)	Size:LxWxH (mm)
CFP-800-1	700 / 10000	Low 0 - 25 High 25-700			10.4	480X155X250
CFP-800-1-G	700 / 10000	Low 0 - 25 High 25-700	Low 13 High 2.3	400	10.9	590X155X250
CFP-800-1-D	700 / 10000	Low 0 - 25 High 25-700	Low 13 High 2.3	400	12	650X155X250



CFP-800

Large Oil Capacity Foot Pump

- ◆ High-pressure single-hole operative pump with high and low two-section quick oil output, the maximum output pressure 700kgf / cm² (10000psi).
- ◆ Fast, easy to carry, suitable for non-power state workplace.
- ◆ Pressure can be kept stopped, the pump internal design with high-pressure safety device.
- ◆ With 2M high pressure hose.
- Oil storage capacity, suitable for large tonnage or long stroke hydraulic tools.
- ◆ Applicable Oil: R32 special circle oil.

CFP-800-G

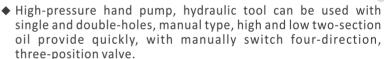
Large Oil Capacity Foot Pump with Oil Gauge

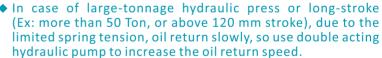
- High-pressure single-hole operative pump with high and low two-section quick oil output, the maximum output pressure 700kgf / cm² (10000psi).
- ◆ Fast, easy to carry, suitable for non-power state workplace.
- ◆ Pressure can be kept stopped, the pump internal design with high-pressure safety device.
- ◆ With the high pressure oil gauge to read the working pressure value, to avoid overloading.
- ♦ With 2M high pressure hose.
- Oil storage capacity, suitable for large tonnage or long stroke hydraulic tools.
- ◆ Applicable Oil: R32 special circle oil.



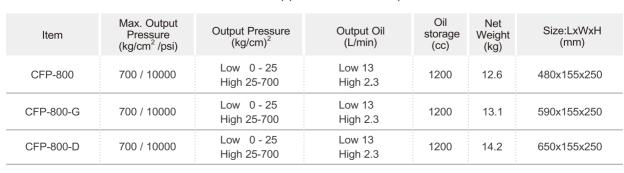
CFP-800-D

Double-Action, Large Oil Capacity Foot Pump





- The maximum working pressure is 700kgf / cm² (10000psi) both in and out oil, so the oil return can also produce the same tonnage.
- ◆ Fast, easy to carry, suitable for non-power state workplace.
- Pressure can be kept stopped, the pump internal design with high-pressure safety device.
- ◆ With 2M high pressure hoses.
- Oil storage capacity, suitable for large tonnage or long stroke hydraulic tools.
- ◆ Applicable Oil: R32 special circle oil.







UP-35RH series are high efficiency, small size, light and with lots of advantages. This series can be coordinated with compression, cutting, plate and pipe bender and punching tools. Applicable to many work areas, like power equipment, building industry, shipbuilding, vehicle, transport and testing and so on.



UP-35RH-NC

Single-Action Power Pump

- ◆ High-pressure hydraulic power pump, accompanied with a variety of single-hole hydraulic tools, driven by a motor at high speed two-section high and low pressure quickly out of oil, the maximum output pressure 700kgf / cm² (10000psi).
- Electric hydraulic pump oil provide quickly, saving time and effort high efficiency.
- ◆ With bottom switch JOG control.
- ◆ With 2M high pressure hose.
- ◆ Applied voltage 110V (220V motor is also provided).
- ◆ Oil storage capacity, suitable for oil: R32 special circle oil.

UP-35RH-ARS

Single-Action Auto Oil-Returning Power Pump

- ◆ High-pressure hydraulic power pump, accompanied with a variety of single-hole hydraulic tools, driven by a motor at high speed two-section high and low pressure quickly out of oil, the maximum output pressure 700kgf / cm² (10000psi).
- Electric hydraulic pump oil provide quickly, saving time and effort high efficiency.
- With button switch, when the pressure reaches, there is "kaka" sound, in the same time, the power off automatically and the oil returning.
- ◆ With 2M high pressure hose.
- ◆ Applied voltage 110V (220V motor is also provided).
- ◆ Oil storage capacity, suitable for oil: R32 special circle oil.



Item	Max. Output Pressure (kg/cm² /psi)	Output Pressure (kg/cm) ²	Output Oil (L/min)	Voltage (V/HZ)	Motor(kw)	Oil storage (L)	Net Weight (kg)
UP-35RH-NC	700 / 10000	Low 0 - 10 High 10 - 700	Low 2 High 0.2	110/60	0.35	1	7.2
UP-35RH-ARS	700 / 10000	Low 0 - 10 High 10 - 700	Low 2 High 0.2	110/60	0.35	1	7.2



CP-180

Mini Hand Pump

- ◆ Single-hole operative pump with high pressure one-section quick oil output, the maximum output pressure 700kgf / cm² (10000psi).
- ◆ Lightweight, easy to carry.
- ◆ Fast, easy to carry, suitable for non-power state workplace.
- ◆ Pressure can be kept stopped, the pump internal design with high-pressure safety device.
- ◆ With 1M high pressure hose.
- ◆ Applicable Oil: R32 special circle oil.

Item	Max. Output Pressure (kg/cm² /psi)	Output Pressure (kg/cm) ²	Output Oil (L/min)	Oil storage (cc)	Net Weight (kg)	Size:LxWxH (mm)
CP-180	700 / 10000	Low 0 - 25 High 25-700	Low 0 High 2.3	220	4	330x110x90

AT-900 AT-900L

Pneumatic Hydraulic Pump

- ◆ Lightweight aluminum design high efficiency, easy to operate rotary joint connection tool.
- Three pedal control cylinder forward, holding pressure and reply operation.
- ◆ Must be used with air compressors.
- Push the plunger hydraulic pressure output.

Item	Max. Output Pressure (kg/cm² /psi)	Oil storage (cc)	Air Pressure (kgf/cm²)	Output Oil (cc/mm)
AT-900	700 / 10000	800	6-10	450
AT-900L	700 / 10000	1200	6-10	450







Battery

Charger

BP-66

Battery-powered Hydraulic Pump

- ◆ Rechargeable electric hydraulic pump biggest advantage is that the absence of state power, the battery can be used to do on-site repair operations.
- ◆ High-pressure hydraulic power output machine tools, can be used with a variety of single-hole hydraulic tool, maximum output pressure 700kgf / cm² (10000psi).
- ◆ AC voltage to DC voltage using the input AC 110V turn out 14.4VDC battery.
- ◆ Rescue tools, lightweight and easy to carry when lack of power shortage, with 1.8M hose and battery (14.4V Capacity 3.0AH) charger set.
- Optional accessories own battery, charger, power adapter.
- ◆ Applicable Oil: R32 special circle oil.

Item	Max. Output Pressure (kg/cm² /psi)	Output Pressure (kg/cm) ²	Output Oil (L/min)	Voltage (V/HZ)	Motor (kw)	Oil storage (cc)	Net Weight (kg)	Size:LxWxH (mm)
BP-66	700 / 10000	Low 0 - 2 High 2 - 700	Low 0.5 High 0.15	100/60	0.65	700	6.6	355x260x160

