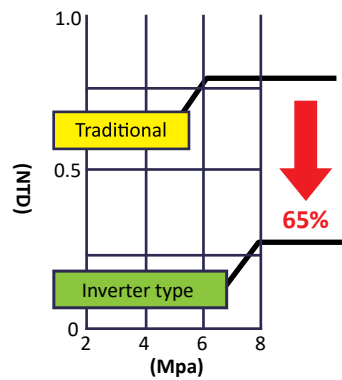
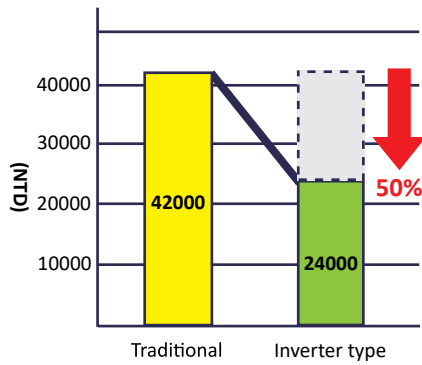




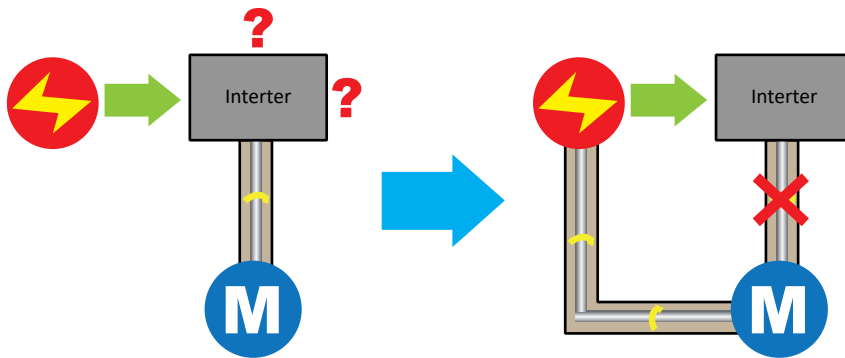
- Efficient power saving 40~65%



Low noise level 50dB

- 6.0Mpa stand by time.
- Low noise level 50dB.

- Production lines keep running

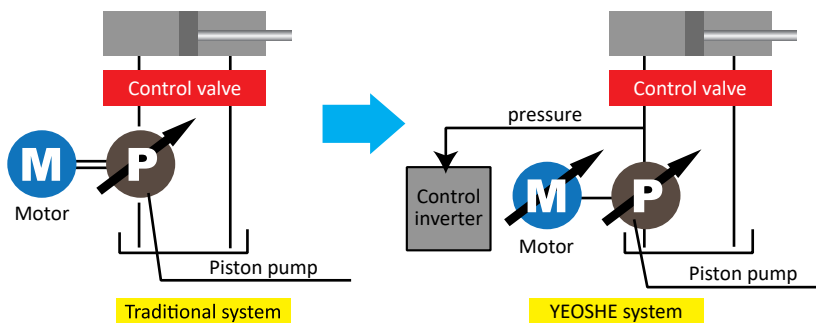


Easy Operation & Adjustment

- No need to change usual habit.
- Turn on and start.



- System



Environmental Protection

- Oil TEMP 2°C Raise
- 6.0Mpa stand by time.



Mission of Protecting Polar Bear



Inverter with Energy- Saving Hydraulic Unit

• Product Feature

	Temp raise	Noise under	Saving	
TV Non-Inverter drive	About + 5°C	About 53dB	35%	1. Reduces oil temperature, improves machining accuracy, extends the life of components and oil, lowers air conditioning costs, and contributes to energy saving. 2. Maintains pressure at 60 kgf/cm ² (6.0 MPa). 3. Average noise level of the hydraulic station is 64 dB.
TP Inverter Hydraulic Power Unit	About + 1°C	About 50dB	40%	
TS Servo Hydraulic Power Unit	About + 1°C	About 50dB	65%	

• Product Character

Easy operation.	1. No need to change usual habit. 2. Turn on the power to start operating. 3. According to motor loaded speed, which is no need to precise power adj.or outer direction.
Normal operation while inverter breaks off.	1. During emergencies, switch power distribution to continue operation. 2. In case of inverter errors, ensure the production line keeps running.
Extra drive is attachable	1. TP standard type (non-inverter drive) installs extra inverter is attachable. 2. Only suitable Yeoshe brand pump&motor.

• Specification

Power	3φAC200~240V ， 50/60Hz 3φAC380~480V ， 50/60Hz		
Input	0.75 kW/ 1.5 kW/ 2.2 kW/	3.7 kW/ 5.5 kW/	7.5 kW/ 11 kW/
Pressure adj.	Pressure adj. A: 10~40 E:25~315 B: 15~70 C: 20~140 D: 25~210	Vane pump Series A: 8~20 B: 15~35 C: 30~55 D: 50~70	
	Different place voltage, different power input, standard inverter power pack is AC220V.		
Displacement (unloading)	8, 12, 16, 22, 23, 38, 42, 50, 56, 70		
Hydraulic oil	Mineral oil (equal ISO VG32)		
Oil TEMP	10~60 ℃		
Color	YEOSHE Standard color :Black gray Other color can be decided by customers.		
TEMP/Humidity	0~35 ℃ /20~85%RH(No FOG) Avoiding fog environment, which under using water soluble cutting fluid.		

Piston Pump Series



Vane Pump Series





TS Series

• Series Instruction (※standard type)

TS - 20 L - 15 - A 15 - B 22 F2 - 10 -

Design no.

Optional

F、R Manifold Block

Voltage

- ※ 22 : AC220V 50/60Hz ±10%
38 : AC380V 50/60Hz ±10%
48 : AC480V 50/60Hz ±10%

Thread

※ 10	PT(RC)
40	BSPP(G)
60	UNF(SAE)

Liter

Tank (L)
10 : 10L
20 : 20L
30 : 30L
40 : 40L
60 : 60L
80 : 80L

Displacement

Displacement		Piston pump Series		
		PVS	V	AR
08	08 cm ³ /rev	●	○	●
10	10 cm ³ /rev	●	○	○
12	12 cm ³ /rev	●	○	●
15	15 cm ³ /rev	●	○	○
16	16 cm ³ /rev	○	○	●
22	22 cm ³ /rev	○	○	●
23	23 cm ³ /rev	○	●	○
38	38 cm ³ /rev	○	●	○
42	42 cm ³ /rev	○	●	○
○ : non-supply				

Special pumps, please contact YEOSHE.

Pump Type

Piston pump Series	
※ A	PVS series
B	V series
C	AR series
D	Customization (A10V、PV)

Pressure adj.

Piston pump Series	
※ A	10~40 kgf/cm ²
※ B	15~70 kgf/cm ²
※ C	20~140 kgf/cm ²
D	25~210 kgf/cm ²
E	25~315 kgf/cm ² (PV series only)

Different place voltage, different power input, standard inverter power pack is AC220V.

Motor Capacity KW

KW(HP)		Tank (L)			
		10L	20L	30L	40L
07	0.75KW(1HP)	●	●	○	○
15	1.5KW(2HP)	●	●	○	○
22	2.2KW(3HP)	●	●	●	●
37	3.7KW(5HP)	○	○	●	●
○ : non-supply					

Drive type

Drive type	Tank (L)			
	10L	20L	30L	40L
R : Inside drive type *Right side open	●	●	●	●
※ L : Inside drive type *Left side open	●	●	●	●
○ : non-supply				

TS Series
servo motor

TP Series
inverter motor

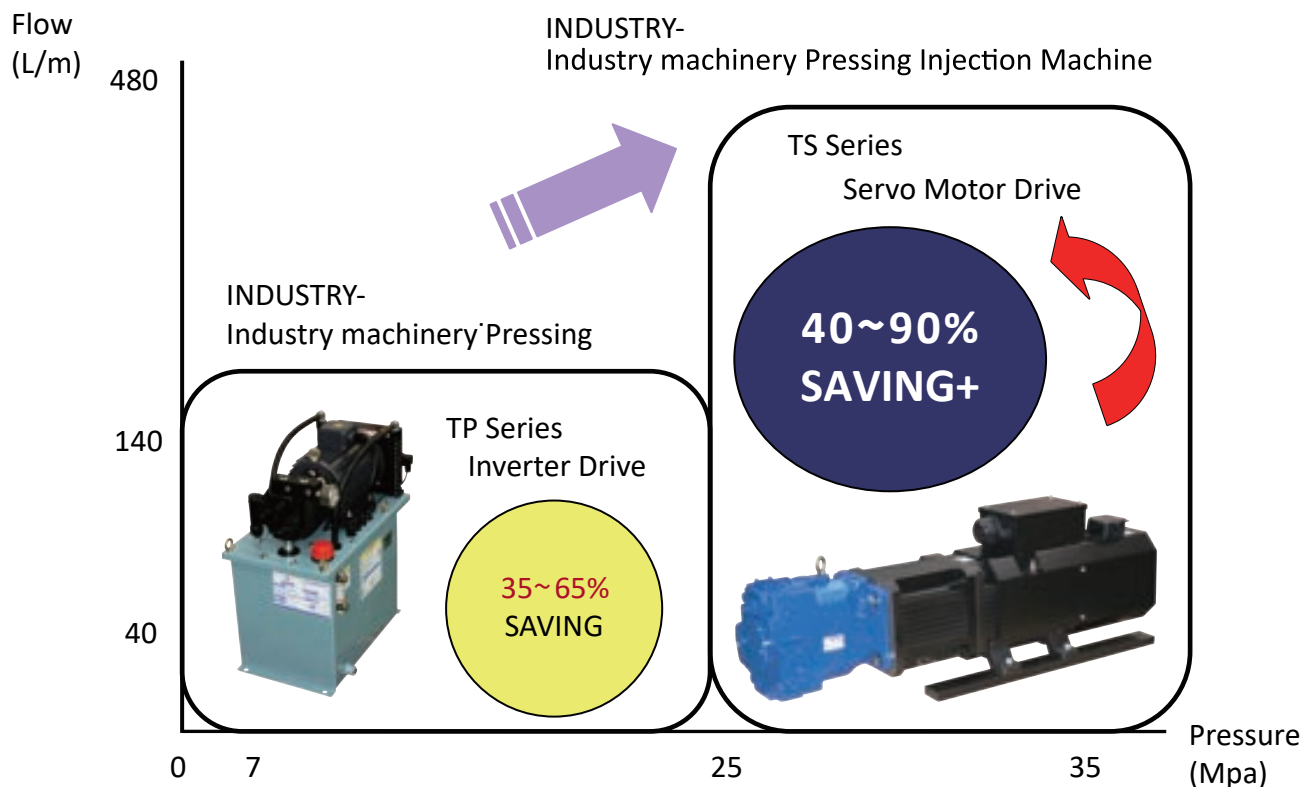
TV Series
induction motor

See more details





High Efficiency High Power Saving * Hydraulic System



Easy Operation and Reliable Performance

PLUS (1)

All In One

Pressure
Voltage
Speed

Immediate start just
by turning on the
power



Multifunctional PID Module
Compact System

PLUS (2)

Auto Error Display system

Error Display List 1

Err	Ad Err	OC
Motor driver STOP/STOP	Analog input/output	Control protection
OE	LEI	GF
Over temperature protection	Reluctance sensor over limit protection	Inductance protection
OH	OL	OL I
Over heat protection	Motor over load protection	Sensor over load protection
OLO	thr	PRdF
Over load interrupting protection	Output voltage limit protection	S.P. 200°C Operation rate protection
SC		
Source inside the body		