



**ASW**  
ASW Series forklift truck

**ASW**

ASW Series

- It is user-friendly convenient
- and has reliable functions ergonomically beautiful design



Superior Control System



Spacious operating space



Deluxe Suspension seat (optional)



Internal tilt cylinder



Easy Entry and Exit

Diesel/Gasoline 2.0 ton - 3.0 ton series



- **Superior Control System**

  - Through application of fine ergonomic design, the control lever is mounted on the engine hood to the right of the operator's seat. This will allow the operator to rest his/her arm on the armrest, greatly diminishing his/ her operation weariness.
  - Optional installation of Grammar seat will allow
    1. tilt adjustment to operator seat,
    2. horizontal glide adjustment for seat position, as well as
    3. shock-absorptive effect dependant on drive's weight, making more comfortable operator's driving experience.
- **Spacious operating space**

  1. More leg space is made possible through internal tilt cylinder.
  2. Distances between steering wheel to operator seat, and engine hood to brake/ clutch pedal are increased by no less than 20mm respectively.
  3. Heightened 50mm overhead guard for adequate and comfortable operation space.
- **Durability**

  1. Pedal and pedal pad are both made from molds. The pedal has four regular sides and is made from side trimmed mode punch formed for strength.
  2. Pedal pad is made from NBR + PVC composite material, injection formed with added thickness for vastly reduced vibration and noise. It is heat-insulating, noise absorbing and completely sealed, all conforming to eco-concept design.



### Counterweight |

- Adopting the daring design of the tapering shape to embellish and streamline the transition from engine hood to truck structure.
- Heavier service weight, increasing overall stability for longitudinal travel.
- Vent holes on both sides of the counterweight will improve heat dispersion. By adding on bracket for counterweight will strengthen its internal protection.

### Electrical components |

- Equipped with the newly developed quality stable LCD dashboard display.
- Configured with laterally lengthened tail light and electronic alarm.

### Durable mast |

- Superior appearance, reliable strength and easy maintenance.
- Selection between Hosch (German) structural steel and domestic (China) structural steel, to satisfy different needs of clients.



LCD dashboard display



Counterweight



Durable mast



Rear light and electronic alarm



Tailift Transmission

### Truck chassis and appearance |

- Harmonized modeling of the truck, with prominent curves and margin line.
- Both the counterweight and engine hood has the daring tapering design.
- Radiator cover is punch formed for streamline transition from engine hood to counterweight.
- Decorative plaque is fitted on under the engine hood for flow line presentation.
- Cabin footplate is punch formed with nice look and high durability.
- The front windshield is completely covered up with injection formed plastic pieces for enhanced quality standard.
- Overhead guard and truck chassis are parts of a one-piece weldment. Ensuring maximum tolerance for and reduction in vibration.
- Color scheme is combination of grass green and dark grey to bring about the effect of comfort and lively design. Paints are imported from Germany for enhanced shine, adherence to material and durability.
- Upward exhaust pipe is standard accessory, rendering cleaner working environment.

### Transmission |

- Tailift hydraulically driven trucks have the increased convenience of electronic gear shifter on basis of pre-existing quality stable and strength reliable Tailift traditional transmissions.
- Key components such as the electromagnetic valve, control valve, friction plate, oil pump and clutch assembly are all imported from Taiwan, leading to an increase to the overall useful life of trucks.



High rigid chassis

### Engine |

- Available selection of engines that could be installed: Imported Engines: K25, 4TNE92, 4TNE98 Domestic (China-made) Engines: 495B, A498, A490BPG and WF491
- Forklift with domestic engine is equipped with electronic flameout device for convenient operation.



NISSAN K25 GAS OLINE ENGINE 1.5T - 3.0T

Displacement 2488 C.C.  
Rated H.P. 50.9ps/2300rpm  
Max torque 17.8kg-m/1600rpm



YANMAR 4TNE92 DIESEL ENGINE 1.5T - 3.0T

Displacement 2659 C.C.  
Rated H.P. 47.2ps/2450rpm  
Max torque 13.2kg-m/1800rpm



YANMAR 4TNE98 DIESEL ENGINE 2.5T - X4.0T

Displacement 3319 C.C.  
Rated H.P. 64.4ps/2450rpm  
Max torque 21kg-m/1800rpm



A498 DIESEL ENGINE 1.5T - 3.0T

Displacement 3168 C.C.  
Rated H.P. 61ps/2450rpm  
Max torque 19.7kg-m/1800rpm



A490BPG DIESEL ENGINE 2.0T - 3.0T

Displacement 2540 C.C.  
Rated H.P. 50ps/2650rpm  
Max torque 14.5kg-m/1800rpm

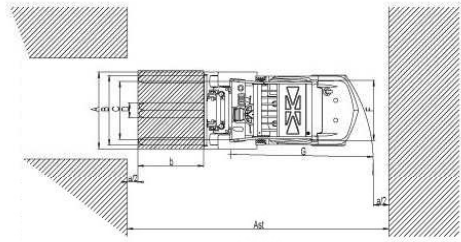


495B DIESEL ENGINE 2.5T - X4.0T

Displacement 2980 C.C.  
Rated H.P. 57ps/2650rpm  
Max torque 17.8kg-m/1800rpm

# Specifications

Characteristic	ASW										ASW					ASW				
	FD25					FG25					FD30					FG30				
1 Manufacturer	ASW																			
2 Model	FD25					FG25					FD30					FG30				
3 Capacity	Kg		2500					3000					3500							
4 Load center	mm		500					500					500							
5 Power type	Diesel					Gasoline					Diesel					Gasoline				
6 Control type	Sit																			
7 Tyres P=pneumatic	F/R		P/P					P/P					P/P							
8 Wheels (x: drive wheels) Q/ty	F/R		2x/2					2x/2					2x/2							
9 Max. fork height	mm		3000					3000					3000							
10 Fork size Length*Width*Thickness N*E*M	mm		1070x122x40					1070x122x50					1070x122x50							
11 Mast tilt angle (F/R)	α-β		6° - 12°					6° - 12°					6° - 12°							
12 Rear load distance	mm		505					500					500							
13 Fork distance, outer	mm		1024					1150					1150							
14 Overall width	mm		1151					1275					1275							
15 Mast height, forks lower	mm		2100					2100					2100							
16 Overhead guard height	mm		2177					2202					2202							
17 Min. turning radius (outside)	mm		2265					2435					2660							
18 Max. height	mm		4220					4220					4220							
19 Front load distance	mm		465					480					480							
20 Fork carriage height	mm		1220					1220					1220							
21 Overall length	mm		3590					3700					3900							
22 Drive speed (Load/unload)	Kmh		17/18	18/19	18/19	17/18	18/19	18/19	18/19	18/19	18/19	18/19	18/19	18/19	18/19	18/19	18/19	18/19	18/19	18/19
23 Lift speed (Load/unload)	mm/s		480/540	500/630	510/640	520/620	480/590	460/540	460/540	460/540	460/540	430/540	430/540	410/530	410/540	420/540	460/540	400/540	400/500	
24 Lower speed (Load/unload)	mm/s		470/440	470/440	470/440	470/440	470/440	450/420	450/420	450/420	450/420	450/420	450/420	450/420	450/420	450/420	470/440	450/420	450/420	
25 Max. traction power (load)	N		18200	20000	21000	16700	16500	21600	20000	22000	25000	21000	18000	16500	17900	25000	22000	21000	17700	
26 Max. gradeability (Load/unload)	%		23/19.5	22/20	23/20	22/19.5	22/20	23/20	22/20	22/20	24/20	22/20	21/20	21/20	21/20	21/20	22/20	20/20	21/20	
27 Service weight	Kg		3800	3800	3800	3720	3750	4350	4350	4350	4350	4350	4350	4350	4600	4600	4600	4600	4600	
28 Tyres	Number (F/R)		2/2					2/2					2/2							
29 Front tyre size	AA		7.00-12-12P.R.					28x9-15-12P.R.					28x9-15-12P.R.							
30 Rear tyre size	AB		6.00-9-10P.R.					6.50-10-10P.R.					6.50-10-10P.R.							
31 Wheelbase	mm		1550					1650					1850							
32 Tread (F/R)	mm/mm		970/985					1055/985					1055/985							
33 Ground clearance	mm		120					120					120							
34 center of wheelbase	mm		195					220					220							
35 Service brake type	Pedal/hydraulic brake																			
36 Parking brake type	Hand/mechanical brake																			
37 Manufacturer	YANMAR	XINCHAI	JIANGXI	NISSAN	WANFENG	YANMAR	XINCHAI	XINCHAI	XINCHAI	JIANGXI	NISSAN	WANFENG	YANMAR	XINCHAI	XINCHAI	JIANGXI	NISSAN			
38 Model	4TNE92	A490BPG	JX493G	K25	WF491GP	4TNE98	A490BPG	495BPG	A498BPG	JX493G	K25	WF491GP	4TNE98	A498BPG	495BPG	JX493G	K25			
39 Rated power	kw	34.7	37	42	37.4	42	47.4	37	42	47	42	37.4	42	47	42	42	42			
40 Rated rotate speed	rpm	2450	2700	2500	2300	2400	2400	2700	2650	2500	2300	2400	2400	2550	2400	2500	2300			
41 Cylinder number/displacement	cc	4/2659	4/2540	4/2771	4/2488	4/2237	4/3319	4/2540	4/2980	4/3168	4/2771	4/2488	4/2237	4/3319	4/3168	4/2980	4/2771			
42 Min. fuel consumption	g/kwh	235	225	229	285	275	237	225	238	235	229	285	275	237	235	238	229			
43 Transmission type	Powershift/Manualshift																			
44 Servo pressure	kg/cm		185					185					185							



Ast=O-Gebrauch  
b=Laenge der Ladung  
a=Freiraum 200mm

