



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



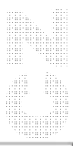
A490BPG DIESEL ENGINE 2.0T - 3.0T

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

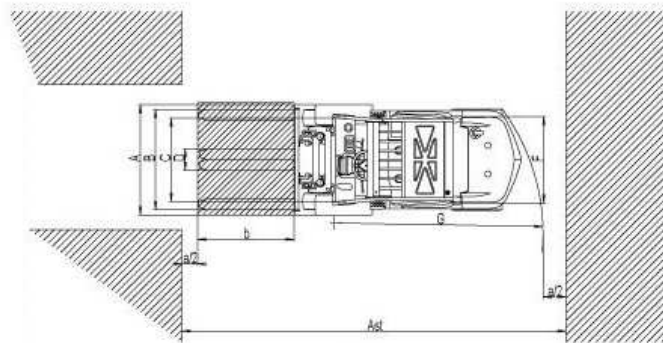


495B DIESEL ENGINE 2.5T - X4.0T

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



Characteristic	ASW		ASW		ASW		ASW					
	FD15	FG15	FD18	FG18	FD20	FG20	ASW	ASW				
1 Manufacturer	ASW		ASW		ASW		ASW					
2 Model	FD15	FG15	FD18	FG18	FD20	FG20						
3 Capacity	Kg 1500		1800		2000							
4 Load center	mm 500		500		500							
5 Power type	Diesel	Gasoline	Diesel	Gasoline	Diesel	Gasoline						
6 Control type	Sit		Sit		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 1070x100x35		1070x100x35		1070x122x40							
11 Mast tilt angle (F/R)	a-β Deg 6° - 12°		6° - 12°		6° - 12°							
12 Rear load distance	Q mm	490	490	465								
13 Fork distance, outer	B mm	920	920	1024								
14 Overall width	A mm	1065	1065	1151								
15 Mast height, forks lower	J mm	2100	2100	2100								
16 Overhead guard height	V mm	2147	2147	2177								
17 Min. turning radius (outside)	G mm	1980	1980	2190								
18 Max. height	H mm	4220	4220	4220								
19 Front load distance	O mm	425	425	465								
20 Fork carriage height	L mm	1220	1220	1220								
21 Overall length	R mm	3335	3365	3550								
Performance	22 Drive speed (Load/unload)	Km/h	16/17	16/17	17/18	16/17	16/17	17/18	17/18	18/19	18/19	
	23 Speed Lift speed (Load/unload)	Mm/s	460/560	440/550	550/600	460/560	440/550	510/600	550/620	550/620	550/620	530/600
	24 Lower speed (Load/unload)	Mm/s	450/440	450/440	450/440	470/440	450/440	470/440	470/440	470/440	470/440	470/440
	25 Max. traction power (load)	N	14200	13800	14940	14500	13800	14940	17100	14900	18300	14800
26 Max. gradeability (Load/unload)	%	26/20	23/20	26/20	26/20	23/20	26/20	23/20	23/20	25/20	23/20	
27 Service weight	Kg	3000	2950	2920	3050	3000	2970	3580	3580	3500	3500	
Chassis	28 Tyres	Number (F/R)	2/2		2/2		2/2					
	29 Front tyre size	AA	6.50-10-10P.R.		6.50-10-10P.R.		7.00-12-12P.R.					
	30 Rear tyre size	AB	5.00-8-8P.R.		5.00-8-8P.R.		6.00-9-10P.R.					
	31 Wheelbase	P mm	1350		1380		1550					
32 Tread (F/R)	C/F mm/mm	885/900		885/900		970/985						
33 Ground clearance	at lowest point	ml mm	120		120		120					
34 center of wheelbase	a2 mm	180		180		195						
35 Service brake type	Pedal/hydraulic brake		Pedal/hydraulic brake		Pedal/hydraulic brake		Pedal/hydraulic brake					
36 Parking brake type	Hand/mechanical brake		Hand/mechanical brake		Hand/mechanical brake		Hand/mechanical brake					
Drive & Transmission	37 Manufacturer	YANMAR XINCHAI NISSAN		YANMAR XINCHAI NISSAN		YANMAR XINCHAI NISSAN		YANMAR XINCHAI NISSAN		WANFENG		
	38 Model	4TNE92 485BPG K25		4TNE92 485BPG K25		4TNE92 485BPG K25		4TNE92 A490BPG K25		WF491CP		
	39 Rated power	kw	34.7 30 37.4		34.7 30 37.4		34.7 37 37.4		42			
	40 Rated rotate speed	rpm	2450 2600 2300		2450 2600 2300		2450 2700 2300		2400			
	41 Cylinder number/displacement	cc	4/2659 4/2270 4/2488		4/2659 4/2270 4/2488		4/2659 4/2540 4/2488		4/2237			
42 Min. fuel consumption	g/kw.h	235 245 285		235 245 285		235 225 285		275				
43 Transmission type	Powershift/Manualshift		Powershift/Manualshift		Powershift/Manualshift		Powershift/Manualshift					
44 Servo pressure	kg/cm	175		175		185						



a+b+G
b=Laenge der Ladung
a=Freiraum 200mm

