



SAIPA DIESEL

**ALVAND 4x2
6.5 TON**

RIGID & TIPPER TRUCK



Product:	Foton 4x2 Rigid Truck
Applications:	Three Side Tilting Tipper Body, Steel Box, Bird Transport, Tanker Dumper



Truck Specifications	
Overall chassis length(mm)	5850
CW: Cab width	1830
H: Cab height	2230
Engine	110Ti
WB: Wheel base	3360
G.V.W	6365
Kerb weight	2860
Cab	Day cab
Gear box	5T108

Steel Cargo Box	
Dimensions(mm)	4400 X 2250 X 2000
Box Capacity	16.7M3
Box weight	1100
Roof Plate Thickness(mm)	1.5
Wall Plate Thickness(mm)	1.5
Floor Plate Thickness(mm)	2

Three Side Tilting Tipper Body	
Dimensions(mm)	3160X1800X6000
Loading Capacity	2.8 m ³
Tare weight	540 Kg
Pump	Hydraulic
Cylinder	Hydraulic, Mayler
Wall Plate Thickness(mm)	3
Floor Plate Thickness(mm)	3

Tanker	
Tank Capacity(Lit)	3000
Pump	2.6KW/3500rpm
Tank Body thickness(mm)	3 galvanized steel
Tank Tare Weight(kg)	1100

Bird Transport	
Dimensions(mm)	4500 X 2300 X 2200
Box Capacity	16M3 (194 bird box)
Box weight	1100
Floor Plate Thickness(mm)	3 (ST37),
Roof Plate Thickness(mm)	1.5 (ST52)

Dumper	
Dimensions(mm)	S3150x1800x550
Loading Capacity	3.2M3
Floor Plate Thickness(mm)	4
Wall Plate Thickness(mm)	3
Tare Weight(km)	1000
Jack	Hydraulic Hyva
Pump	Hydraulic, Hydromas

Product:	Foton 4x2,Rigid Truck
Applications:	Mobile service, Reefer, Garbage Collector, Tarpaulin

Mobile Service	
Dimensions(mm)	4500 X 1992 X 2010
Total weight(kg)	876
Roof Thickness (mm)	30
Front Wall Thickness (mm)	17
Right Side Wall Thickness(mm)	17
Total Weight(Kg)	570
Flooring	Composite Sandwich Panel and Plywood

Garbage Collector	
Total Capacity	5M3
Hopper Capacity	0.7M3
Loading capacity	3.5ton(wet garbage)+2ton(Dry garbage)
Tare Weight(kg)	2655
Body Plate(mm)	3(ST37)
Floor Plate(mm)	4(ST37)

Reefer	
Dimensions(mm)	4400 X 2000 X 2200
Wall thickness (cm)	7
Floor thickness (cm)	10
Cooling Engine Model	YK4000-YK4000/E(YAZ-KAR)
Capacity	13.5M3
Total Weight(kg)	800
Min Inner Temperature	-25

Tarpaulin	
Dimensions(mm)	4600 X 2165 X 2000
Side Walls	4 Slide doors
Rear Wall	Slide door
Floor Plate(mm)	2
Frame	Standard Profile

Product: Foton 4x2 Rigid Truck	
Applications:	Rescue Truck, Crane, Side Board Cargo Body, SideLift



Rescue Truck	
Dimensions(mm)	4500 X 1992 X 2010
Total weight(kg)	876
Roof Thickness (mm)	30
Front Wall Thickness (mm)	17
Right Side Wall Thickness(mm)	17
Flooring	Composite Sandwich Panel and Plywood

SideLift	
Dimensions(mm)	4500 X 2020 X 600
Side lift Loading Capacity(kg)	750
Total Weight(kg)	1100
Side lift stork(cm)	90
Frame	Standard box profile
Rear and side doors	Aluminum doors
Floor plate thickness(mm)	2

Crane	
Loading Capacity(Ton)	2.6
Max working outreach(M)	3.36
Max working height(M)	8.2
Boom Rotation	360°
Oil Tank Capacity(Lit)	25
Working radius(M/Ton)	2/2.10 & 5.5/0.40
Max Capacity of Hydraulic Pump(Lit./Minute)	20/1
Tare Weight(kg)	1200

SideBoard Cargo body	
Dimensions(mm)	4200 X 2000 X 1030
Side Walls Plate Thickness(mm)	2
Front Wall Plate Thickness(mm)	2
Floor Plate Thickness(mm)	2
Frame	Standard Profile

Superstructures Technical Specifications

Product:	Volvo FM440 6x4 Tipper/Rigid Truck			
Applications:	Tipper, Firefighting ,Garbage Compactor, Mixer, Crane			
				

Truck Specifications	
Overall chassis length(mm)	6972/ 8872
CW: Cab width	2500
H: Cab height (exhaust output)	4092
Engine	D13A440EuroIII
WB: Wheel base	3700 / 4900
G.V.W	40000
Kerb weight	9150/9950
Cab	L1EH1
Gear box	VT2514B

Tipping Body	
Dimensions(mm)	5000 x1400 x2300
Floor Plate Thickness	8(mm)
Wall Plate Thickness	6(mm)
Floor Plate Type	ST 52
Wall Plate Type	ST37
Total Weight	4000 kg
Hydraulic Jack Type	Hyva Telescopic
Hydraulic pump capacity	61 Liter
Loading Capacity	16M3/18M3

Fighter Fighting	
Water Tank Capacity(Lit)	8000-12000
Foam Tank Capacity(Lit)	800-1200
Dry Powder Capacity(Kg)	250-500
Tanker Plate	4mm Stainless Steel
Water Pump	SKS 6500 Centrifugal
Flow rate	Up to 6500Lit/ Min at 2800 RPM

Garbage Collector	
Capacity(M3)	16
Total Weight(kg)	5800 ± 100
Roof Floor/ Sides /Plate	St-37/3.0 mm
Working Pressure	190 ± 10 bar
Hydraulic Pump	P.T.O drivern gear pump 73-90cm3/rev.max.1500 rpm
Body Inside Dimensions	4600 X 2140 X 1850
Hopper Capacity	2M3

Mixer	
Nominal Capacity(M3)	9
Geometric Drum Volume (M3)	14
Filling Ratio (%)	64
Drum Body Thickness (mm)	5
Blades thickness (mm)	5
Engine	DEUTZ F6L912
Gearbox	TRASMITAL(Italy) or ZF 4300(Germany)
Hydraulic Pump	SAUER DANFOSS

Crane	
Loading Capacity(Kg)	32000
boom height(Meter)	13.5 to 16.5
boom length(Meter)	10.50 to 13.50
Boom turning radius	380°
Number of Fixing Legs	8
Towline lifting Capacity(Kg)	2500
Oil Tank Capacity(Lit)	150
Towline length(Meter)	70
Towline speed	65 Meter/Min.
Tare Weight(kg)	6300

Product:	Volvo FH440 6x4 Tractor Truck
Applications:	Flatbed Container Carrier, Tarpaulin Trailer, Tanker Trailer



Truck Specifications	
Overall chassis length(mm)	6935
CW: Cab width	2500
H: Cab height (exhaust output)	3391
Engine	D13A440
WB: Wheel base	3400
G.C.W	100000
Kerb weight	9818
Cab	L2H1
Gear box	VT2514B

Flatbed-Container Carrier(Dual Purpose)	
Length X Width(mm)	13650 X 2600
Track Width(mm)	2040
Axles Load Capacity	3 X 9(27 ton)
Suspension	BPW Air Suspension
Tare Weight(Kg)	6200
Payload (Kg)	26000
King Pin	Flange type 2"(JOST or GF+)
Tires	(6+1)Size 385/65 R 22.5
Landing Legs	Two speed adjustable 2x12 (JOST)
Brake System	Pneumatically Operated ABS or EBS

3Axle Sliding Roof Tarpaulin Semi trailer	
Length X Width(mm)	13650 X 2470 X2620
Track Width(mm)	2040
Axles Load Capacity	3 X 9(27 ton)
Suspension	BPW Air Suspension
Tare Weight(Kg)	7100
Payload (Kg)	25500
Load Volume	88.5M3
King Pin	Flange type 2"(JOST or GF+)
Tires	(6+1)Size 385/65 R 22.5
Landing Legs	Two speed adjustable 2x12 (JOST)
Brake System	Pneumatically Operated ABS or EBS
Roof & Tarpaulin	Sliding roof system

3Axle Tanker SemiTrailer	
Dimensions(mm)	11066 X 2540 X 3520
Nominal Capacity	35.3M3
Loading Capacity	34.4M3
Axles load Capacity	3X9(27 tons)
Tank Dimensions(mm)	10620 X 2480 X 1750
Tank Dimensions	BPW Air Suspension
Tare Weight(Kg)	7500
Payload (Kg)	26000
King Pin	Flange type 2"(JOST or GF+)
Tires	(6+1)Size 385/65 R 22.5
Landing Legs	Two speed adjustable 2x12 (JOST)
Brake System	Pneumatically Operated ABS or EBS

Product:	Volvo FM, 4x2 Rigid Truck		
Applications:	Tipper, Cargo body, Garbage Collector		
			

Truck Specifications	
Overall chassis length(mm)	8455
CW: Cab width	2500
H: Cab height (exhaust output)	2904
Engine	D11A330EuroIII
WB: Wheel base	4900
G.V.W	21000
Kerb weight	6550
Cab	L1EH1
Gear box	VT2009B

Cargo Body	
Capacity(M3)	16
Total Weight(kg)	5800 ± 100
Roof Floor/ Sides /Plate	St-37/3.0 mm
Compaction Ratio	3:1 to 6:1
Working Pressure	190 ± 10 bar
Hydraulic Pump	P.T.O driven gear pump 73-90cm ³ /rev.max.1500 rpm
Body Inside Dimensions	4500 X 2140 X 1850
Hopper Capacity	1.5M3
Sub-frame	"U" shape full length 4 mm St-37

Tippling Body	
Dimensions(mm)	5000 x1400 x2300
Floor Plate Thickness	8(mm)
Wall Plate Thickness	6(mm)
Floor Plate Type	ST 52
Wall Plate Type	ST37
Total Weight	4000 kg
Hydraulic Jack Type	Hyva Telescopic
Hydraulic pump capacity	61 Liter
Loading Capacity	16M3

Garbage Collector	
Capacity(M3)	16
Total Weight(kg)	5800 ± 100
Roof Floor/ Sides /Plate	St-37/3.0 mm
Working Pressure	190 ± 10 bar
Hydraulic Pump	P.T.O driven gear pump 73-90cm ³ /rev.max.1500 rpm
Body Inside Dimensions	4600 X 2140 X 1850
Hopper Capacity	2M3

Product:	Renault Midlum(280.18)4x2 Tipper/Rigid Truck
Applications:	Garbage Collector, Telescopic Aerial Platform, Tanker, Fire Engine
	

Truck Specifications	
Overall chassis length(mm)	5945 / 8370
CW: Cab width	2140
H: Cab height (exhaust output)	2839 / 2857
Engine	<i>DX17 EuroIII</i>
WB: Wheel base	3500 / 5000
G.V.W	18000
Kerb weight	4950 / 5180
Cab	<i>Daycab</i>
Gearbox	<i>ZF6S1000 TO</i>

Tipping Body	
Dimensions(mm)	3800 x2330 x2300
Floor Plate Thickness	6(mm)
Wall Plate Thickness	4(mm)
Total Weight	2200 kg
Hydraulic Jack Type	<i>Hyva Telescopic</i>
Loading Capacity	8.4 M3

Garbage Collector	
Dimensions(mm)	85000x2850x2470
Loading Capacity	13M3
Hopper Capacity	1.5 M3
Body Inside Dimensions	3790 X 2240 X 1850
Number of Jacks	9(Hydraulic)

Water Tanker	
Tank Capacity(Lit)	10000
Tank Dimensions(mm)	4840X2290X1970
Tank Body thickness(mm)	4
Tank Tare Weight(kg)	3000
Total Weight	4000 kg

Telescopic Aerial platform	
Model	<i>LionLift GT 18-12</i>
Max working height(M)	17.80
Max working outreach(M)	12
Boom Rotation	360°
Max Load Capacity(Kg)	200
Basket Dimensions(Meter)	1.4X0.7X1.18
Tare Weight(Kg)	2000
Pump Capacity(Lit)	16(Hydraulic)
Oil Tank Capacity(Lit)	40

Fire Engine	
Water Tank Capacity(Lit)	6000
Foam Tank Capacity(Lit)	600
Plate Type	<i>Stainless Steel304</i>
Plate Thickness(mm)	4
Water Pump	<i>SKS 3000</i>
Water Pump Capacity (Lit./Min)	3000/1

Product:	Renault Midlum(280.26)6x2 Rigid Truck
Applications:	Tanker, Side board, Crane, Hook Loader



Truck Specifications	
Overall chassis length(mm)	9335
CW: Cab width	2140
H: Cab height (exhaust output)	2857
Engine	<i>DX17 EuroIII</i>
WB: Wheel base	4700
G.V.W	26000
Kerb weight	6929
Cab	<i>Daycab</i>
Gearbox	<i>ZF6S1110 TO</i>

Crane	
Dimensions(mm)	6850 X 2490 X 1500
Loading Capacity	25M3
Side Walls Height(mm)	1000(3/4Aluminium doors)
Rear Doors Height(mm)	1500
Flooring Plate	<i>Checkered Steel</i>

Fuel Tanker	
Loading Capacity(Lit)	19000
Tank Full Capacity(Lit)	20000
Plate Thickness(mm)	3 ST 37
Entry and exit pipe(Inch)	4

Hook Loader	
Loading Capacity(Ton)	11
Working Radius(mm)	2880
Tipping Body Capacity	6M3 to 16M3
Tipping Body Angle in while unloading	50°
Hydraulic Pressure(Bar)	200 to 250
Plunger Pump Capacity(Lit)	50

Side Board Body	
Dimensions(mm)	6850 X 2490 X 1500
Loading Capacity	25M3
Side Walls Height(mm)	1000(3/4Aluminium doors)
Rear Doors Height(mm)	1500
Flooring Plate	<i>Checkered Steel</i>