

∪ SUBJECT TO CHANGE FOR PRODUCT IMPROVEMENT ∪

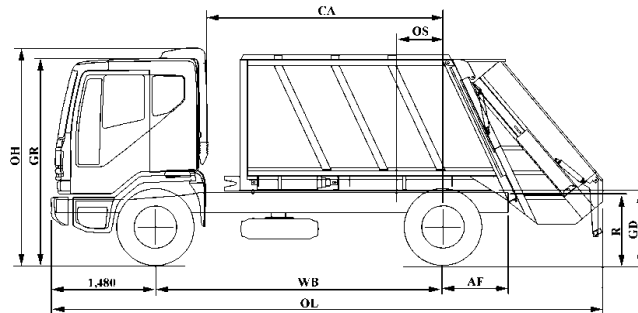
DAEWOO HEAVY DUTY TRUCK
SPECIFICATIONS MANUAL

MODEL NAME : 4×2 REFUSE COMPACTOR (10 M3)
MODEL CODE : F3CBF

August, 2014

TATA DAEWOO

o DIAGRAM



o DIMENSIONS	(mm)	Overall	Length	OL	8,025	
			Width	OW	2,490	
			Height	OH	3,100	
		Tread	Front	FT	2,050	
			Rear	RT	1,855	
		Wheelbase		WB	4,030	
		Rear axle to frame		AF	1,160	
		Ground to roof		GR	3,050	
		Frame-ground above bogie		R	1,070	
		Usable cab to axle		CA	3,250	
		Tank offset		OS	690	
		Ground to deck floor		GD	1,065	
		Min. ground clearance			260	
		Deck inside	Length		4,297	
			Width		2,030	
			Height		1,645	
			Volume(m ³)		10.0	
		o WEIGHTS (kg)	Chassis weight	Front		3,730
				Rear		1,850
				Total		5,580
Curb weight				9,985		
Payload				5,200		
Axle load	Front			6,500		
	Rear			11,500		
Permissible G.V.W				18,000		
o PERFORMANCE	Max. speed	(km/h)		111		
	Max. gradeability	(%)		30.9		
	Min. turning radius	(m)		7.1		

o ENGINE	Manufacturer	Doosan Infracore
	Model	DE08TIS
	Emission certificate	EURO 2
	Type	Turbo Intercooler, diesel engine
	Maximum power	225ps (165kw)/ 2,300rpm
	Maximum torque	82kg.m (804N.m)/ 1,200rpm
	No. of cylinder	In line 6 -cylinder
	Bore×Stroke	111×139(mm)
	Displacement	8,071cc
	Controller type	Mechanical
	Air cleaner	Dry paper elements
o CLUTCH	Type	Hydraulic control with air assisted Dry single plate with coil spring
	Plate diameter	Outside diameter : 410mm
o TRANSMISSION	Manufacturer	S&T
	Model	T9S6
	Speed	6 Forward / 1 Reverse
	Gear ratio	7.076/4.777/2.640/1.575/1.000/0.744 Reverse 6.720
o FRONT AXLE	Type	Reverse elliot "I" beam
	Axle capacity	6,500kg
o REAR AXLE	Manufacturer	S&T
	Model	T10H
	Type	Banjo single reduction
	Final drive ratio	5.571
	Axle capacity	11,500kg
o TIRE & WHEEL	Tire	12R22.5-16PR
	Disc wheel	8.25 ×22.5
	No. of wheel studs	10

o FRAME	Type	Ladder type, single channel
	Size (H×W×T)	286×90×7 (mm) Frame width behind cab : 850mm
	Towing hook	Equipped front & rear
o STEERING	Handle position	Left-hand drive
	Type	Recirculating ball with integral power assisted by oil
	Steering column	Tilt & Telescopic
	Steering wheel	2-spoke wheel with horn button
o FRONT SUSPENSION	Type	Semi-elliptical leaf spring
	Size (L×W)	1,500mm×90mm
o REAR SUSPENSION	Type	Semi-elliptical leaf spring
	Size (L×W)	1,420mm×100mm
o BRAKE	Service brake	Full air brake
	Drum diameter	410mm
	Lining Front	414mm×155mm
	Rear	414mm×203mm
	Material	Non-Asbestos
	Parking brake	Spring actuator at rear wheels
	Auxiliary brake	Exhaust brake
o FUEL TANK	Volume	200ℓ
	Material	Made of pressing steel
	Cap	Equipped key lock
o ELECTRICAL SYSTEM	Battery	12V - 150Ah×2
	Alternator	24V - 80A
	Starter	24V - 4.5kw
o EXHAUST SYSTEM	Type	Mounted longitudinal

o CAB	Type	All -welded cab of tilt type Hydraulic Tilt. Tilt angle 50°	
	Number of crew	2	
	Cab suspension	Coil spring & shock absorber	
o INSTRUMENTATION	Gauges & meters	Speedometer,	
		Water temperature gauge	
		Air pressure gauge, fuel gauge	
		Engine tachometer gauge	
o SEAT & BED	Driver seat	Height adjustable, rigid seat Sliding & reclining, Equipped with head rest	
	Passenger seat	Rigid type, full folding & reclining	
	Bed	Equipped one bed	
	Covering	Tricot	
o WIPER	Type	Two blade, 3-speed wiper with electrical washer	
o HEATING		Heater & Defroster	
o GLASS & MIRROR	Windshield	Laminated safety glass	
	Door glass	Tempered safety glass	
	Outside mirror	Convex mirror	
o LAMP	Front	Head & fog lamp, turn signal lamp Position lamp	
	Rear	Position, stop, turn signal lamp Reverse lamp License plate lamp	
	o TOOLS	Tools	Hydraulic Jack, Wrench monkey Wrench & Handle-Wheel nut Driver, Spare tire handle, etc
		Spare tire	One with mounting bracket

o HYDRAULIC PUMP	Maximum pressure	350 bar
	Displacement	50.3 cc/rev
o OIL TANK	Inside size(L×W×H)	650×480×450mm
	Volume	140 ℓ
o HYD. CYLINDER (Bore×Rod×Stroke)	Compression	Φ80×Φ45 - 750mm
	Ejection	Φ140×Φ130/Φ110×Φ95/Φ80×Φ70/ 60×50 -2,730mm
	Rotating	Φ80×Φ45 - 380mm
	Rear gate	Φ70×Φ40 - 405mm
o COMPRESSION	Control valve type	Lever type (Manual) Located on right-hand side of The rear gate
o EJECTION	Control valve type	Lever type(Manual) Located on front left-hand side of the loading box
o LOADING BOX	Inside size(L×W×H)	4,297×2,030×1,645mm
	Material	ATOS60
	Thickness	Side : 3.2 mm Roof : 3.2 mm Floor : 4.5/6.0 mm
o HOPPER	Inside size(W×H)	1,765×310m
o SAFETY EQUIPMENTS	Emergency Stop	Hydraulic control lever operated Located on right-hand side of the rear gate
	Rear gate locking sys.	Hydraulic locker type
	Full load warning lamp	Electric limit switch operated type Located on front right-hand side Of the loading box
o Option		Bin Lifting Mechanism