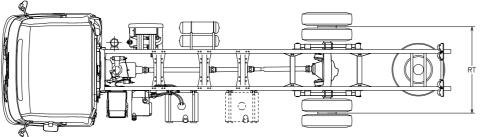


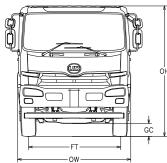
PERFORMANCE (Calculated)									
	6 speed MPS manual with 5.571 diff ratio and 11R 22.5 tyres	6 speed Allison automatic with 6.166 diff ratio and 11R 22.5 tyres	9 speed Eaton manual with 4.625 diff ratio and 11R 22.5 tyre						
Max road speed	100km/h (ADR65/00 – speed limited)	100km/h (ADR65/00 – speed limited)	100km/h (ADR65/00 - speed limited)						
Gradeability 1st gear	42.0% @ 16000kg	58.1% @ 16000kg	71.1% @ 16000kg						
Gradeability top gear	3.2% @ 16000kg	2.9% @ 16000kg	3.4% @ 16000kg						
Estimated rpm @ 100km/h	2281rpm	2104rpm	2428rpm						

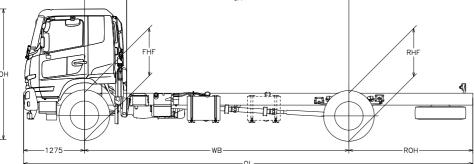
GENERAL SPECIFICATIONS (Approximate)																																			
	Mass	s (kg)					Vehicle	/ehicle Dimensions (mm)																											
Variant	Wheelbase code	GVM*	GCM	FA¹	RA¹	Total Tare ¹	WB	OL	MO	OH²	Ħ	RT	ROH	CA	GC ²	FHF ²	FHR ²	Turning radius (kerb to kerb)	UD order code																
	Н			3115	1985	5100	4500	7625					1850	3613				8000	PK16280H6L																
6 speed	Ν	16000	20500	3175	2080	5255	5550	9425	2422	2734	1934	1810	2600	4663	266	965	1058	9600	PK16280N6L																
0 speed	R	10000	20500	3200	2105	5305	6050	10125	2422	2134	2734 1934 1	+ 1010	2800	5163	200 905	900	1058	10400	PK16280R6L																
	S			3285	2160	5445	6450	10625					2900	5563				11100	PK16280S6L																
	н			3125	2000	5125	4500	7625					1850	3613				8000	PK16280HAL																
	К	16000		3150	2015	5165	4900	8130					1955	4013				8600	PK16280KAL																
Automatic	Ν		16000	16000	16000	16000	16000	16000	16000	16000	16000	16000	16000	16000	16000	16000	16000	16000 20	20500	3190	2095	5285	5550	9425	2422	2734	1934	1810	2600	4663	266	965	1058	9600	PK16280NAL
	R																			3215	2115	5330	6050	10125					2800	5163				10400	PK16280RAL
	S			3305	2160	5465	6450	10625					2900	5563				11100	PK16280SAL																
	н			3080	1985	5065	4500	7625					1850	3613				8000	PK16280H9L																
9 speed	Ν	10000	16000	20500	3140	2085	5225	5550	9425	2422	2734	1934	1810	2600	4663	266	965	1058	9600	PK16280N9L															
a sheed	R	10000	20000	3165	2105	5270	6050	10125	2422	2134	1934	1010	2800	5163	200	900	1050	10400	PK16280R9L																
	S			3250	2160	5410	6450	10625					2900	5563				11100	PK16280S9L																
¹ Mass is an ² Based on y										fuel or a	AdBlue)	, STC ar	nd spare	, exclud	es tools	and dri	ver.																		





Note: PK 16 280 photo and drawing shown, may not be representative of actual truck





WARRANTY		
Standard warranty+	36 months/200000 kms	+ For details refer to your UD Trucks New Vehicle Warranty brochure Pub No. AUS000273
Cab corrosion warranty+	36 months/unlimited kms	++Covers selected items only. For details refer to your UD Trucks Extended Protection Plan brochure
Extended warranty++	60 months/350000 kms	Pub No. AUS000472

NOTES: *Rated GVM and axle capacities are subject to Federal, State and Territory legal requirements. **OPT higher GCM requires UD Trucks engineering approval . See your UD Trucks dealer.

DISCLAIMER: Imported and distributed by Volvo Group Australia Pty Ltd (ABN: 27 000 761 259). Photos for illustration purposes. Volvo Group Australia Pty Ltd reserves the

right to modify design and change equipment without previous notification. Please consult with your UD Dealer for the latest information about vehicle specifications.



SPECIFICATIONS

16000kg

20500kg

SAVE MONEY AND THE EARTH

26000kg - 6 speed (on application)

32000kg – automatic (on application) 32000kg - 9 speed (on application)

FLEE

GVM*

GCM**

UD TRUCKS

Opt GCM**



Note: PK 16 280	ual vehicle			
ECO FLEET	SAFETY	FEATURES		
SCR engine emission technology	SRS driver's air bag with seat belt pretensioner	Touch screen multimedia audio system with NAVTEQ satellite navigation		
Class leading 50 litre AdBlue tank capacity	ECE-R29 Cab strength compliant	Bluetooth "hands free"		
ADR80/03 compliant – Euro 5 emission standard	ADR84/00 (ECE-R93) integrated Front Underrun Protection (FUPS)	6500kg front axle capacity Cruise control		
Automatic transmission with Eco Fleet shift mode				
Automatic transmission with Econieet shift mode		RE-PTO capability on all models		
Newest Japanese MD-T cab with latest	360° visibility (by using up to 3 optional cameras)	ADR42 compliant sleeper cab with mattress		
aerodynamic "low drag" performance	Electrically operated and heated mirrors	Custom factory cab paint option		

U www.udtrucks.com.au

ft mode	Taper roller brake syste
	360° visibility (by using
	Electrically operated an

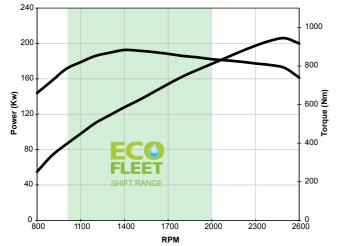


Power	206kW @ 2500rpm
Torque	883Nm @ 1400rpm
-	6 speed manual
Transmission	9 speed manual 6 speed automatic
Suspension	UD Trucks leaf
POKIES	
I Internet	
	IMPER

SAVE MONEY AND THE EARTH

ENGINE	
Make	UD Trucks
Model	GH7TB
Description	4 cycle, direct injection, diesel engine with overhead cam, 4 valves per cylinder, water cooled and intercooler with turbocharging system.
Cylinders	6 in-line
Total piston displacement	7013cc (7 litres)
Bore x stroke	110mm x 123mm
Compression ratio	17.5:1
Max. Power (ECE Net)	206kW (280ps) @ 2500rpm
Max. Power (JIS Gross est.)	214kW (291ps) @ 2500rpm
Max. Torque (ECE Net)	883Nm (651lb/ft) @ 1400rpm
Max. Torque (JIS Gross est.)	917Nm (676lb/ft) @ 1400rpm
Max. governed engine speed	2600rpm

GH7TB



Lubrication system	Forced oil feed by gear pump, flat tube oil cooler, full flow and bi-pass oil filters with replaceable elements and 17 litre capacity	100					
Compressed air system	Water cooled reciprocating type, single cylinder air compressor with air dryer						
Cooling system	Forced feed by centrifugal water pump, wax pellet type thermostat with bypass. Aluminium corrugated fin type radiator with cab front bonnet mounted reserve tank and a 600mm diameter 11 blade viscous coupling cooling fan	1					
		1					
FUEL AND INTAKE SYSTEM							
Injection type	Ultra high pressure common rail injection system	L					
Filtration	Chassis mounted primary and engine mounted secondary	-					
Capacity	200 litre steel tank with lockable cap mounted on LHS chassis	-					
Air filtration	Primary dry paper element air filter on RHS under cab						
Air intake	High mounted RHS air intake	R					
EXHAUST AND EMISSION CC							
Emission standard	ADR80/03 (Euro 5 emission standard)						
Emission system ECO FLEET	Selective Catalytic Reduction (SCR)						
AdBlue capacity	50 litre polymer tank with lockable cap mounted on LHS						
Exhaust system	RHS chassis mounted muffler/catalytic converter with horizontal rear facing exhaust discharge						
ELECTRICAL							
Power	24 volt, negative ground system						
Battery capacity	2 x 12 volt 120 Ah batteries mounted on LHS chassis						
Alternator	130 amp with built in IC regulator						
		-					
CLUTCH (manual models only)						
Make	UD Trucks						
Description	Dry single organic plate with push type diaphragm						
Disc diameter	380mm						
Mechanism	Hydraulically operated with air assistance						
TORQUE CONVERTER (automatic models only)							

TORQUE CONVERTER (automatic models only)						
Make	Allison					
Model	TC 415					
Description	One stage, three element, polyphase. Includes standard integral damper with lock-up function					
Stall torque ratio	2.35:1					

Ð

TRANSMISSION/S									
6 SPEED MANUAL									
Make	UD Trucks								
Model	MPS63B								
Description	Six forward speeds and one reverse, synchromesh 2nd to 6th gears. Non-synchro 1st and reverse								
Shift type	Mechan	Mechanically operated shift with air servo assist							
Gear ratios	1st 2nd	7.03 4.28	4th 5th	1.50 1.00	Rev	7.04			
	3rd 2.49 6th 0.78								
PTO capability	LHS 300)Nm @ 10	0% engin	e speed (i	nominal ra	tio)			
6 SPEED AUTOMATIC			0	. 、		,			
Make	Allison								
Model	3060P								
Description ECO FLEET					Fully auto er and Ecc				
Shift type	Electron	ic push b	utton cont	troller					
Gear ratios	1st	3.49	4th	1.00	Rev	5.03			
65	2nd	1.86	5th	0.75					
	3rd	1.41	6th	0.65					
PTO capability		using one			S opening total usir				
9 SPEED MANUAL									
Make	Eaton								
Model	ES1110	9							
Description	Nine forward synchromesh speeds and one non-synchro reverse.								
Shift type	Mechanical remote control operated shift								
Gear ratios	1st	12.64	2nd	8.81	6th	2.48			
			3rd	6.55	7th	1.85			
- le			4th	4.77	8th	1.34			
	Rev	13.21	5th	3.55	9th	1.00			
PTO capability	Two LHS and one rear openings available								
FRONT AXLE AND SUSPENSI									
Axle make	UD Trucks								
Description	Drop forged steel "I" section beam, reverse "ELLIOT" type								
Suspension	Long taper leaf spring with anchor at front and shackle at rear								
Dimensions (mm)	80mm x	1400mm							
Number of leaves	3								
Spring constant	343N/m	m (35.0kg	/mm)						
Shock absorbers	2 telescopic double acting								
Max. ground capacity	Refer to the Load Capacity Summary on Page 3								
REAR AXLE AND SUSPENSIO	N SYSTE	M							
Axle make	UD Truc								
Туре		-	sed steel b	oanjo type	housing w	ith single			
Gear type		eduction.	hypoid ge	ar					
Final reduction ratio 6 speed manual – 5.571:1 6 speed automatic – 6.166:1 9 speed manual – 4.625:1									
LEAF SUSPENSION									
Description	Semi-elliptic leaf spring and helper with anchor at front and shackle at rear								
Dimensions;	Main: 80	0mm x 16 80mm x 1	00mm						
Number of leaves	Main: 9 Helper:	8							
Spring constant (total)	1102N/mm (112.5kg/mm)								
Max. ground capacity	Refer to	the Load	Capacity S	Summary	on Page 3				

		1 mil					
LOAD CAPACITY SUMMARY						EXTERNAL CABIN	
	P					Description ECC	Aerodynamically designed, forward control, pressed steel construction cab with 45° torsion bar cab tilt
	6 De	1				Mounting type	Spring suspended cab with 2 dual acting shock absorbers
						Crash test standard	ECE-R29 compliant
	¥.		$ \rightarrow $			Cab paint	Standard – Jumping White (W33)
	◆		+			Doors	90° opening, steel construction with side intrusion beams
Axle	Front (kg) 6500)	Rear (kg) 11500			Inspection points	All daily inspections can be carried out without lifting the cab from the front opening inspection panel
Steering/suspension	6500		9500			Bumper type	2 piece pressed steel and fibre-glass air dam front bumper
Tyres Max. ground capacity	7100 6500		11600			Mirrors	Heated and electrically operated LH and RH main mirrors with wide vision spot mirrors and passenger side down facing spot mirror
Max. ground capacity	0300			9500	-	Lamps	Halogen multi-reflector head lamps
BRAKES Type	WABCO Anti-lock	k Braking S	ystem (AB	S)			ADR49/00 bumper mounted fog lamps ADR49/00 roof mounted clearance lights
Description	Full air brake, dua automatic adjusti ABS			uminium air tanks, prakes, 4 channel	1	Glass Wipers	Tinted front, side and rear Double arm, 2 speed wipers with intermittent operation and integrated washers
Air pressure	7.2-8.5kg/cm ²	1			8	Reversing system	Rear facing reverse light and audible warning alarm
Drum diameter	Front 410mm	Rear 410mm		Total			Optional – remote mounted camera with microphone (see <i>Dealer Options</i> list)
Lining area	2480cm ²	3648cm ²	!	6128cm ²	ΠŊ	INTERNAL CABIN	
Park brakes	Hand operated pr on drive axle	eumatically		spring park brake	-1	Lighting	Single ON/OFF/DOOR interior light with an independent 720mm x 140mm fluorescent lamp
Auxiliary brake	Butterfly type exh				-	Standard seat capacity	3 occupant seats – 2 outer seats with retractable 3 point – ELR seat belts, centre seat with adjustable lap belt
STEERING Type	Recirculating ball	and screw	with hydra	aulic assist	IF	Driver's seat	CVG multi-adjustable, air suspended with automatic height control and 7 position adjustable shock absorber
Steering gear ratio	Recirculating ball and screw with hydraulic assist 22.42:1				Passenger seat(s)	Flat folding LH assistant seat with lift up base Flat folding centre seat with back of seat storage	
Column Steering wheel	Column Adjustable, tilt and telescopic control Steering wheel 460mm diameter with ignition key steering lock				Sleeping capability	ADR42/04 compliant sleeper bunk with mattress (suitable for stationary sleeping). Sleeper bunk cab curtain	
WHEELS AND TYRES							rails with curtains
Wheels	Pressed steel dis	c type 8.25i	in x 22.5in	rim with 165mm		Side windows	Power operated door glass
	offset and ISO 10 stud pattern (335mm PCD)			Security	Remote keyless central locking		
Front tyres	Single 295/80R 2	2.5 Dunlop	SP350, re	groovable	1000	Air conditioning Audio system	Adjustable temperature control with multi speed fan Double DIN sized, AM/FM/CD 4.8" Touch screen
Rear tyres	Dual 11R 22.5 Du only) Dual 11R 22.5 Du			able (H wheelbase	14	Audio System	multimedia system with USB, SD card and Bluetooth capability
Spare tyre	wheelbase) Single 295/80R 2			、 ·	K	Cup holders	2 centre mounted cup-holders RH and LH door mounted bottle-holders Additional 2 back of centre seat cup-holders
	mounted on spar	e tyre carrie	er (STC) at	rear of chassis		Storage	Driver and passenger overhead consoles (6 litres each) with lids
FRAME							10 litre back of centre seat storage box with lid
Construction	Ladder, channel type double skin chassis construction						Driver and passenger door pockets
Width	860mm				1.	Power outlet	24 volt 240W cigarette lighter/power outlet
Side rail dimensions	250 x 80 x 8mm j wheelbase)	olus 234 x 7	x 72 x 3.2mm (except S			DIN accessory fitment	Two DIN sized compartments for accessory fitment
		olus 234 x 7	2 x 6mm (S	S wheelbase only)	P II	Floor covering	Vinyl
Material	Pressed high tens	sile carbon :	steel			FACTORY OPTIONAL EQUIP	MENT (Indent order)
Rail data	Tensile	Yield	Modu	ulus		Suspension	Multi-leaf front springs 294Nm/mm (29.9kg/mm)
	55kg/mm ²	48kg/mm ²		r to Body Manual udtrucks.com.au		Fuel capacity	200 litre LHS chassis mounted auxiliary tank with lockable cap (except H wheelbase)
STANDARD DRIVER AIDS						Seating	Large centre console (replaces centre seat)
Safety equipment	SRS driver's stee	•	•			Engine/PTO control	Electronic engine governor control with external control lever
	ECE-R29 cab cra	SRS driver's seat belt pretensioner ECE-R29 cab crash compliance ADR84/00 (ECE-R93) Front Underrun Protection				Cab paint	20 x factory option colours Custom paint colours (up to 3 colours per cab)
	ABS – Anti-lock E	. ,	m			DEALER FIT OPTIONAL EQU	IPMENT
Instrumentation ECO FLEET	Fully electronic, CAN-BUS instrument system including speedometer, tachometer (with economical green driving band), fuel, temperature, AdBlue level and independent front and rear air circuit pressure gauges. Digital odometer					Rear engine PTO	343Nm torque capacity @ 120% engine speed 343Nm torque capacity @ 85% engine speed
					4	PTO	Transmission
display with dual trip function.			Fleet management	GPS-based fleet management system			
Warning systems	Up to 22 visual warning lamps plus up to 38 different written warnings displayed on the LCD screen. In conjunction 13 audible tones are used		-	Cameras	Up to 3 cameras connected to the in-dash multimedia system		
Driver assistance	A Driver's Informa					Other	Refer to your UD Trucks Accessories brochure
	vehicle data inclu pressure, voltmet intervals for engine filter. Electronic st	ding: Date/ er, trip infor e, transmiss alk mounted	time, engir mation, alo sion, differe d cruise cor	ne temp, oil ong with service ntials, beltsandair ntrol. GPS satellite			www.dutubb.com.au
	navigation with N	AVTEQ "tru	ick" mappi	ing			Mark and the second second

SAVE MONEY AND THE EARTH