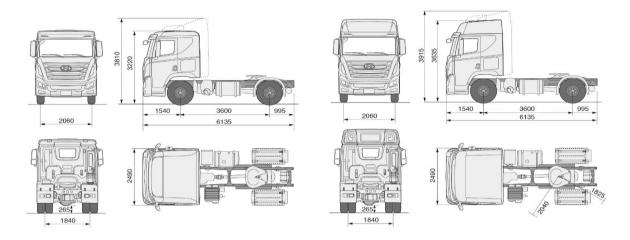
Annotations

- 1) Chassis cab weight and curb weight shown are to 3.5% variation to allow for production tolerance.
- 2) Chassis cab weight and curb weight include weight of oil, fuel, coolant and spare tire carrier & bracket, spare tire but exclude standard tool set.
- 3) The vehicle specifications may differ per country.
- 4) For further information please contact the commercial vehicle export teams of HMC.
- 5) In order that product improvement may be introduced at any time, specifications are subject to change without prior notice.

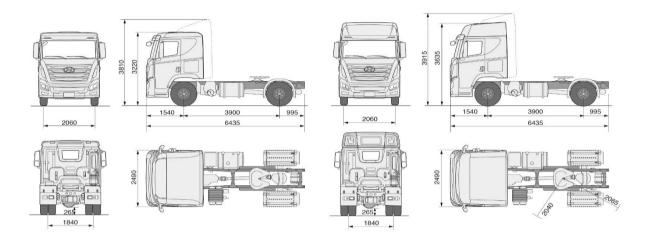


Standard High

Model	Q340.42 / H380.42 / H420.42 / P410.42								
Vehicle Type			Т	ractor, LHD / RHD, 4 x	2				
Cab Type				Sleeper Cab					
Chassis Height				High					
Wheel Base				Medium					
Application Engines		D6HB38	D6HB3H	D6CC41					
Dimensions (mm)									
Wheel Base				3,600					
	Length			6,135					
Overall	Width								
Overall	STD STD			3,220 (3,810)					
	Height High			3,635 (3,915)					
Ground to frame (topside)				1,090					
Wheel Tread	Front / Rear			2,060 / 1,840					
Overhang	Front / Rear		1,540 / 995						
Fitting Radius Front (F.R.F)				2,040					
Fitting Radius REAR (F.R.R)				1,825					
Fifth Wheel Loading Capacity	(kg)		11,	410		11,260			
	Туре		1 Axis						
	Capacity								
Coupler	King Pin Diameter								
	Height								
	Ground Height								
Min. Ground Clearance				265					
Min. Turning Radius	m			6.5					
Weight (kg)									
Tractor Weight *		6,940	6,8	390	6,935	7,040			
	Front	4,780	4,7	750	4,785	4,905			
	Rear	2,160	2,1	140	2,150	2,135			
** Max Gross Vehicle Weight				18,300					
Front			6,500						
	Rear		11,800						
Max. Gross Combination Weig	ht			50,000					

^{*} For high roof, front +50kg / rear +10kg

^{**} Max. GVW includes the front & rear axle loads based on the tubless radial tires permissible load.



Standard High

Model Q340.42 / H380.42 / H420.42 / P410.42

Vehicle Type Tractor, LHD / RHD, 4 x 2

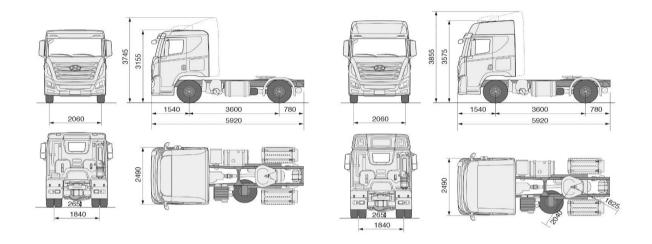
Cab Type Sleeper Cab

Chassis Height High

Wheel Base				Long							
Application Engines			D6AC	D6HB38	D6HB3H	D6HA3H	D6HA42	D6CA41	D6CB41	D6CC41	
Dimensions (mm)											
Wheel Base					3,900						
	Length					6,4	35				
Overall	Width					2,4	90				
Overall	Hoiabt	STD			3,220 (3,810)						
	Height	High									
Ground to frame (topside)					1,090						
Wheel Tread	Front /	Rear				2,060 /	1,840				
Overhang	Front /	Rear				1,540	/ 995				
Fitting Radius Front (F.R.F)				2,040							
Fitting Radius REAR (F.R.R)	adius REAR (F.R.R)				2,065						
Fifth Wheel Loading Capacity (kg)			11,490		11,39	90			11,240		
	Type					1 A	xis				
	Capacity										
Coupler	King Pin	Diameter				2 in	ch				
	Height										
	Ground	Height			1,300						
Min. Ground Clearance					265						
Min. Turning Radius	m					7.	0				
Weight (kg)											
Tractor Weight *			6,810	6,960	6,91	0	6,955		7,060		
	Front		4,765	4,895	4,86	5	4,900		5,020		
	Rear		2,045	2,065	2,04	15	2,055		2,040		
** Max Gross Vehicle Weight				18,300							
				6,5							
	Rear				11,800						
Max. Gross Combination Weight					50,000						

^{*} For high roof, front +50kg / rear +10kg

^{**} Max. GVW includes the front & rear axle loads based on the tubless radial tires permissible load.

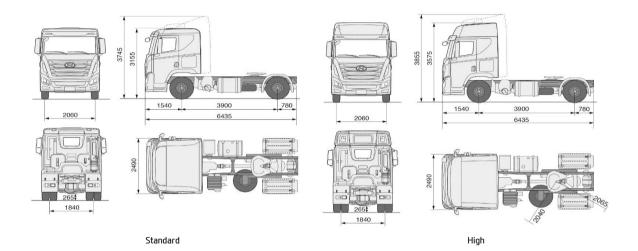


Standard High

Model		H380.42 / P410.42								
Vehicle Type		Tractor, LHD/RHD, 4 x 2								
Cab Type		Sleeper Cab								
Chassis Height		Low	Low							
Wheel Base		Medium	Medium							
Application Engines		D6HA3H	D6CC41							
Dimensions (mm)										
Wheel Base		3,600								
	Length	5,920								
Overall	Width	2,490								
Overall	Height STD	3,155 (3,745)								
	High	3,575 (3,855)								
Ground to frame (topside)		980								
Wheel Tread	Front / Rear	2,040 / 1,825								
Overhang	Front / Rear	1,540 / 780 (In case of dual fuel tank : 1,050)								
Fitting Radius Front (F.R.F)		2,040								
Fitting Radius REAR (F.R.R)		2,065								
Fifth Wheel Loading Capacity (I	(g)	13,720	13,660							
	Type	1 Axis								
	Capacity	20,000								
Coupler	King Pin Diameter	2 inch								
	Height	165								
	Ground Height	1,140								
Min. Ground Clearance		265								
Min. Turning Radius	m	6.5								
Weight (kg)										
Tractor Weight *		7,130	7,280							
	Front	5,010	5,165							
	Rear	2,120	2,115							
** Max Gross Vehicle Weight		21,000								
	Front	8,000								
	Rear	13,000								
Max. Gross Combination Weight	:	50,000								

^{*} For high roof, front +50kg / rear +10kg

 $[\]hbox{** Max. GVW includes the front \& rear axle loads based on the tubless radial tires permissible load. } \\$



Model		H380.42 / P410.42						
Vehicle Type		Tractor, LHD/RHD, 4 x 2						
Cab Type		Sleeper Cab						
Chassis Height		Low						
Wheel Base		Long						
Application Engines		D6HA3H	D6CC41					
Dimensions (mm)								
Wheel Base		3,900						
	Length	6,435						
Overall	Width	2,490						
Overall	Usiaht STD	3,155 (3,745)						
	Height High	3,575 (3,855)						
Ground to frame (topside)		980						
Wheel Tread	Front / Rear	2,040 / 1,825						
Overhang	Front / Rear	1,540 / 780 (In case of dual fuel tank : 1,	050)					
Fitting Radius Front (F.R.F)		2,040						
Fitting Radius REAR (F.R.R)		2,065						
Fifth Wheel Loading Capacity (kg)		13,695	13,635					
	Туре	1 Axis						
	Capacity	20,000						
Coupler	King Pin Diameter	2 inch						
	Height	165						
	Ground Height	1,140						
Min. Ground Clearance		265						
Min. Turning Radius	m	7.0						
Weight (kg)								
Tractor Weight *		7,130	7,280					
	Front	5,010	5,165					
	Rear	2,120	2,115					
** Max Gross Vehicle Weight		21,000						
	Front	8,000						
	Rear	13,000						
Max. Gross Combination Weight		50,000						

^{*} For high roof, front +50kg / rear +10kg

^{**} Max. GVW includes the front & rear axle loads based on the tubless radial tires permissible load.

HYUNDAI XCIENT_42 Tractor

Chassis Specification	าร									
Engine		Dese	DELIDOS	Delibari	DCHADH	DCIIA 40	DCC141	DCCD 41	Dece 41	
Model		D6AC	D6HB38	D6HB3H	D6HA3H	D6HA42	D6CA41	D6CB41	D6CC41	
Туре			4.	-teoko euelo		er Intercooler		ino		
Number of Cylinder			4 :	siroke-cycle,	water-cooled	, un ect-inject -line	ion dieser eng	ille		
Piston Displacement (cc)		11 140		0	960	-IIIIe	12.020	12	244	
Bore x Stmke (mm)		11,149		-	эоо x 142		12,920			
		130 x 140		122	X 142	17 : 1	133 x 155 130 x 155			
Compression Ratio	Firm	16.5 : 1				1/ • 1				
	Eurol Euroll	340 / 2,200 -	-	-	-	-	410 / 1 000	-	-	
May Dawas** (25/522)			-	-	-	-	410 / 1,900	410 / 1 000	-	
Max. Power** (ps/rpm)	Euro III Euro IV	-	380 / 2,000	380 / 2,000	-	-	-	410 / 1,900	410 / 1 000	
		-	-	-	380 / 1,900	420 / 1 000	-	-	410 / 1,900	
	Euro V	-	-	-	_	420 / 1,800	-	-	-	
	Eurol	140 / 1,400	-	-	-	-	100 / 1 500	-	-	
(KQ.M/rpm)	Euroll		-	-	-	-	188 / 1,500	-	-	
	Euro III	-	160 / 1,200	173 / 1,200	- 172 / 1 200	-	-	188 / 1,200	-	
	Euro IV	-	-	-	173 / 1,200	-	-	-	188 / 1,200	
	Euro V	_	Decesion to	-	- 	200 / 1,100	_ 	-	-	
Cooling System	General				mostat, Forced					
	Radiator		L	-	type with pres	-		пк		
51 1: 15 1	Battery	241/ 504			12V x 2, 150 AI	1 at 20 Hr rati	25	241/ 004		
Electrical System	Alternator	24V-60A		240	′-70A	24/ 60/4/		24V-90A		
	Starter	24V-5.5kW				24V-6.0kW				
	Injection pump	In-line type				EUI system				
Fuel System	Governor	All Speed type			티	ectronic Cont	rol			
	Fuel filter	турс			Spin-c	on type				
	Lubrication			F	orced lubricati	٥.	mp			
	Oil filter				and bypass to		•			
Oil System	Oil cooler				Water cooled					
	Oil grade			API s	ervice classific					
Valve System	. 3			Single Ov	erhead Valve,	Two valves p	er cylinder			

^{**} Max. Power and Torque of engine may vary according to each country.

Clutch

Type Hydraulic control with Air pressure assistance, Diaphragm spring, Single dry plate, Pre-Damper

Facing material Non-Asbestos

Facing Size (mm) ; Outside dia. x Inside $\phi 430 \times \phi 242$

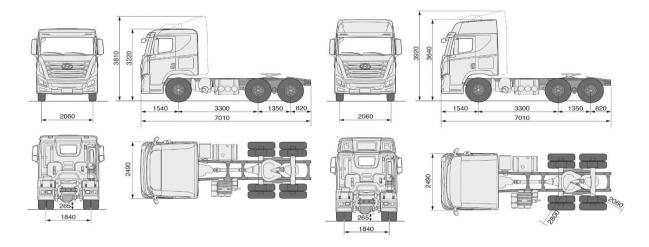
HYUNDAI XCIENT_42 Tractor

Transmission										
Application Engines		D6AC	D6HB38	D6HB3H	D6HA3H	D6HA42	D6CA41	D6CB41	D6CC41	
	M12S 2X5	•								
T/M Application	H160S 2X5		•							
• : STD	ZF16S1830			•	•		•	•	•	
o: OPT	ZF16S2330					•				
	ZF12AS2540					0				
Model		M12	S 2x5	H160	S 2x5	ZF169	51830	ZF16	S2330	ZF12AS2540(AMT)
Туре		10) forward and	2 reverse spee	ed	16	forward and	ed	12 forward and 2 reverse speed	
	1st (High / Low)		9.153	7.145		13.80	11.54	16.41	/ 13.80	15.86 / 12.29
	2nd (High / Low)		4,783	/ 3,733		9.49	9.49 / 7.93 11.28 /			9.57 / 7.41
	3rd (High / Low)		2,765	/ 2,158		6.53	6.53 / 5.46 7.76 /			5.89 / 4.57
	4th (High / Low)		1,666	/ 1,301		4.57	3.82	5.43	/ 4.57	3.47 / 2.69
Gear Ratio	5th (High / Low)		1,000	/ 0.780		3.02	2.53	3.59	/ 3.02	2.10 / 1.62
	6th (High / Low)			-		2.08	2.08 / 1.74 2.4			1.29 / 1.00
	7th (High / Low)		-			1.43	1.20	1.70	/ 1.43	-
	8th (High / Low)		-			1.00	0.84	1.19	/ 1.00	-
	Reverse (High / Low)	8,105 / 6,327 12.92 / 10.80 15.36 / 12.92							14.68 / 11.38	
Gear Oil API service classification GL–4 or SAE service classification 80W (90; Tropical zones only)										only)
TG.S. (Transmission Gear	on Gear Shift) Floor shift, Mechanical remote control									
Rear Axle										
Application Engines		D6AC	D6HB38	D6HB3H	D6HA3H	D6HA42	D6CA41	D6CB41	D6CC41	D6HA3H D6CC41
Chassis height					Hi	gh				Low
Type						Full float	ing type			
Capacity	Kg				,	800				13,000
Final Reduction Gear	Туре					Single Reductio	n, Hypoid gea	٢		
	G/Ratio				3.909 / 4.:	333 / 4.875				3.909 / 4.333
Front Axle										
Type	.,					Reverse Elliot t	ype " I " bean	n		0.000
Capacity	Kg				b,:	500				8,000
Tire & Wheel						Ciaala Easa	Duel Dese			
Type 	5 1/B				12022	Single Front 5–16PR	, Duai Rear			315/70R22.5-16PR
Tire	Front / Rear					5-16РК x 8.25				22.5 x 9.00
Wheel	Front / Rear				22.5	X 0.25				22.5 X 9.00
Steering				2	Cooke Dall	put tupo Tilt 9	Tolossonis	toosing solumi	_	
Type				2	-אטאפ, pall-	nut type, Tilt 8 9		teering columi	1	
Tilting Angle	Inner / Outer					49°/				
Turning Angle	niner / Outer					49 /	ככ			

³⁴ _Hyundai Commercial Vehicle SPECIFICATIONS

HYUNDAI XCIENT_42 Tractor

Service Brake											
Application Engines		D6AC	D6HB38	D6HB3H	D6HA3H	D6HA42	D6CA41	D6CB41	D6CC41	D6HA3H	D6CC41
Chassis height					Hi	gh				Lo	w
Actuation			Full Air	, Dual circui	t fixed S ca	m with sprir	ng loaded ch	nambers		Full A	ir, disc
5 : ()	Front		Drum d	ia. x Lining	width x Lini	ing thicknes	s: ø410 x	56 x 19		ø430	x 45t
Size (mm)	Rear		Drum di	a. x Lining	width x Linii	ng thickness	s: ø410 x	220 x 19		ø430 x 45t	
Total lining area					6,0	78cm²				2,35	52cm²
Parking Brake											
Actuation		DR	UM : Sprii	ng loaded ty	jpe chambe	r on the fro	nt wheel an	d the rear v	vheel(DIS(:t	he rear whe	el)
Size (mm)			DRUM : ϕ 410 x 156 x19 (front) / ϕ 410 x 220 x 19 (rear) DISC : ϕ 430 x 45t								
Total lining area			6,078cm²							1,56	58cm²
Exhaust Brake											
Туре		Air operated, butterfly valve type									
Suspension											
Туре	Front / Rear			Mult	i Leaf (Para	bolic Taper	OPT)			Taper	/ Air
Exhaust system											
General					C	onventional	l type muffl	er			
Tail pipe					Droptail t	ype, blowin	g to chassis	rearward			
Fuel tank											
Capacity						400	liter				
Material		Steel									
Frame											
Туре	<u> </u>			"H" type	frame with	channel se	ctional side	rail & cross	members		
Main side rail (mm)		300 x 90 x 8t 280 x 90 x 8t								90 x 8t	



Standard Cab High Cab

Model	Q340.64 / H380.64 / P410.64 / P500.64 / P520.64											
Vehicle Type					Tracto	r, LHD/RHD, 6 x	c 4					
Cab Type					-	Sleeper Cab						
Wheel Base						Short						
Application Engines		DE	6AC I	D6HB38	D6CA41	D6CB41	D6CC41	D6CE50	D6CE52			
Dimensions (mm)												
Wheel Base			4,650 (3,300+1,350)									
	Length					7,010						
Overall	Width		2,490									
373.3.	Heiaht	STD	3,220 (3,810)									
		ligh			3	3,640 (3,920)						
Ground to frame (topside)												
Wheel Tread	Front / Rea		2,060 / 1,840									
Overhang	Front / Rea	Γ	1,540 / 820									
Fitting Radius Front (F.R.F)			2,800									
Fitting Radius REAR (F.R.R)						2,060 23,29						
Fifth Wheel Loading Capacity (kg)		23.	.385	23,295	23,235	23,23	5					
	Туре					1 Axis						
	Capacity					20,000						
Coupler	King Pin Dia	ımeter				2 inch						
	Height					215						
	Ground Heig	jht				1,315						
Min. Ground Clearance						265						
Min. Turning Radius	m					7.1						
Weight (kg)				0.40=		0.405		0.540	2.722			
Cargo Weight *		-	315	8,405		8,495		8,540	8,500			
	Front	-	665	4,750		4,855		4,890	4,850			
**	Rear	3,1	650	3,655		3,640		3,650	3,650			
** Max Gross Vehicle Weight			31,700									
	Front					6,500						
May Coose Combination Walnut	Rear				25,200							
Max. Gross Combination Weight	ι					70,000						

^{*} For high roof, front +50kg / rear +10kg

^{**} Max. GVW includes the front & rear axle loads based on the tubless radial tires permissible load.

HYUNDAI XCIENT_64 Tractor

Chassis Specifications								
Engine								
Engine		D6AC	D6HB38	D6CA41	D6CB41	D6CC41	D6CE50	D6CE52
Туре				Turb	oo Charger Interc	ooler		
туре			4 str	oke-cycle, water	-cooled, direct-	injection diesel e	ngine	
Number of Cylinder					6 in-line			
Piston Displacement (cc)		11,149	9,960	12,920		12,	344	
Bore x Stmke (mm)		130 x 140	122 x 142	133 x 155		130	x 155	
Compression Ratio		16.5 : 1			17	: 1		
	Eurol	340 / 2,200	-	-	-	-	-	-
	Euroll	-	-	410 / 1,900	-	-	-	-
Max. Power** (ps/rpm)	Euro III	-	380 / 2,000	-	410 / 1,900	-	-	-
	Euro IV	-	-	-	-	410 / 1,900	-	-
	Euro V	-	-	-	-	-	500 / 1,700	520 / 1,700
	Eurol	140 / 1,400	-	-	-	-	-	-
	Euroll	-	-	188 / 1,500	-	-	-	-
Max. Torque ** (kg.m/rpm)	Euro III	-	160 / 1,200	-	188 / 1,200	-	-	-
	Euro IV	-	-	-	-	188 / 1,200	-	-
	Euro V	-	-	-	-	-	225 / 1,200	255 / 1,200
Cooling System	General		Pressure type	with thermosta	t, Forced circulat	tion by centrifug	al water pump	
cooming System	Radiator		Corr	ugated fin type v	with pressure ca	p and condenser	tank	
	Battery			12V x 3	2, 150 AH at 20 H	Ir rates		
Electrical System	Alternator	24V-60A	24V-70A			24V-90A		
	Starter	24V-5.5kW			24V-	6.0kW		
	Injection pump	In-line type			EUI s	ystem		
Fuel System	Governor	All Speed type			Electron	ic Control		
	Fuel filter				Spin-on type			
	Lubrication			Forced	lubrication by ge	ear pump		
Oil System	Oil filter			Full flow and b	bypass type with	paper element		
ווואנפר ווי	Oil cooler			Wate	r cooled, plate fi	n type		
	Oil grade			API service	classification CF	-4 or above		
Valve System				Single Overhea	d Valve, Two val	ves per cylinder		

^{**} Max. Power and Torque of engine may vary according to each country.

Clutch

Hydraulic control with Air pressure assistance, Diaphragm spring, Single dry plate, Pre-Damper Туре Facing Material Non-Asbestos Facing Size (mm) Outside dia x ø430 x ø242 Inside dia

HYUNDAI XCIENT_64 Tractor

Transmission								
Application Engines		D6AC	D6HB38	D6CA41	D6CB41	D6CC41	D6CE50	D6CE52
Application Engines	M12S 2X5		DOIIDGO	DOCATI	DOCD41	DOCCAI	DOCESO	DOCESE
T/M Application	H160S 2X5							
• : STD	ZF16S1830			•	•	•		
o: OPT	ZF16S2330						•	
0.011	ZF12AS2540							•
	21 12/132340							
Model		M12S 2x5	/ H160S 2x5	ZF16	S1830	ZF16	S2330	ZF12AS2540 (AMT)
-		10 forward a	and 2 reverse	1.		2		12 forward and 2 reverse
Type		sp	eed		5 forward and	z reverse spe	ea	speed
	1st (High / Low)	9.153	/ 7.145	13.80	/ 11.54	16.41	/ 13.80	15.86 / 12.29
	2nd (High / Low)	4,783	/ 3,733	9.49	/ 7.93	11.28	/ 9.49	9.57 / 7.41
	3rd (High / Low)	2,765	/ 2,158	6.53	/ 5.46 7.76		/ 6.53	5.89 / 4.57
	4th (High / Low)	1,666	/ 1,301	4.57	4.57 / 3.82		/ 4.57	3.47 / 2.69
Gear Ratio	5th (High / Low)	1,000	/ 0.780	3.02	/ 2.53	3.59	/ 3.02	2.10 / 1.62
333 11333	6th (High / Low)		-	2.08	3 / 1.74 2.47		/ 2.08	1.29 / 1.00
	7th (High / Low)		-	1.43	/ 1.20	1.70	/ 1.43	-
	8th (High / Low)		-	1.00	/ 0.84	1.19	/ 1.00	-
	Reverse (High /	8.105	/ 6,327	12.92	/ 10.80	15.36	/ 12.92	14.68 / 11.38
5 0"	Low)	·	•			-116:4:	. 00\4/ (00 · T-	!!!)
Gear Oil	CL:#1)	AP	i service ciassii					opical zones only)
T.G.S. (Transmission Gear	Shirt)	Floor shift, Mechanical remote control						
Rear Axle Engine		D6AC	D6HB38	D6CA41	D6CB41	D6CC41	D6CE50	D6CE52
Type		DOAL	ропрэо		ull floating typ		DOCESO	DOCESS
Capacity	V.a				13,000 x 2	C		
capacity	Kg Type			Single P	eduction, Hypo	oid goar		
Final Reduction Gear	G/Ratio	1 975	/ 5.571	Jiligle IV	3.909	olu yeal	2	.083
Front Axle	U/ Natio	4.075	7 3.371		5.303		.ر	.005
Type				Roverse	Elliot type " I	" hoam		
Capacity				Neverse	6,500	Deam		
Tire & Wheel					0,500			
Type				Sina	le Front, Dual I	Rear		
Tire	Front / Rear				12R22.5-16PR	· Cui		
Wheel	Front / Rear	22.5 x 8.25						
Steering	Sile / Medi				_3.5 /, 5.25			
Type			2-Spoke	e, Ball-nut tup	e, Tilt & Teleso	copic steerina	column	
		9°						
Tilting Angle					9°			
Tilting Angle	Inner				9° 49°			
5.	Inner Outer				-			

³⁸ _Hyundai Commercial Vehicle SPECIFICATIONS

HYUNDAI XCIENT_64 Tractor

Service Brake D6AC D6HB38 D6CA41 D6CB41 D6CC41 D6CE50 D6CE52 Engine Actuation Full Air, Dual circuit fixed S cam with spring loaded chambers Front Drum dia. x Lining width x Lining thickness : ø410 x 56 x 19 Size (mm) Rear Drum dia. x Lining width x Lining thickness : ϕ 410 x 220 x 19 Total lining area

9,635cm²

Parking Brake

Actuation DRUM: Spring loaded type chamber on the front wheel and the rear 1st/2nd whee

Size (mm) ø410 x 156 x 19 (front) / ø410 x 220 x 19 (rear)

Total lining area 7,116cm²

Exhaust Brake

Туре Air operated, butterfly valve type

Suspension

Front Туре Multi Leaf / Parabolic Taper (OPT) Rear

4-Bag

Exhaust system

General Conventional type muffler Droptail type, blowing to chassis rearward Tail pipe

Fuel tank

400 liter Capacity Material Steel

Frame

Туре "H" type frame with channel sectional side rail & cross members

300 x 90 x 8t Main side rail (mm)