

Chapter 3

SPECIFICATIONS

1. MODEL LINE-UP
2. WEIGHTS AND DIMENSIONS
3. WEIGHT DISTRIBUTION OF THE OPTIONAL EQUIPMENT
4. CAUTIONS TO INSTALL VARIOUS KIND OF BODY

1. MODEL LINE-UP

Unit:mm(in)								
Model code	Engine	Rr suspension	Transmission (T/M)	R	U	A U	V	W
				5918 (233)	6629 (261)	6731 (265)	6935 (275)	7137 (281)
NMC2 (XL8)	L9 (300HP)	AIR	AUTO T/M (ALLISON 3000RDS(6AT))	●	●	●	●	●
			AUTO T/M (ALLISON 3500RDS(6AT))	●	●	●	●	●
			AUTO T/M (ALLISON 3000HS(6AT))	●	●	●	●	●
	L9 (360HP)		AUTO T/M (ALLISON 3000RDS(6AT))	●	●	●	●	●
			AUTO T/M (ALLISON 3000HS(6AT))	●	●	●	●	●
			AUTO T/M (ALLISON 3000HS(6AT))	●	●	●	●	●

2. WEIGHTS AND DIMENSIONS

- GVW Capacity and GAW Capacity listed in the table below must not be exceeded.
- Chassis weight: On Std. Spec. filled with lubricants coolant and fuel, but without spare tire and Std. tool sets.
- All specifications of the products are within normal manufacturing allowances and tolerances.

NMC2 E/G 300-360hp GVMR 53200lbs Rear air suspension

TIRE	11R22.5-16	frame section C propshaft series SPL170
FR. AXLE	DANA E1462W	
FR. SUS	14600	
RR. AXLE	DANA DSH40	
RR. SUS	40000	

Model			XL8 NMC2RSG -(C/D/F)XNUEN								
Application			6x4 Straight Truck								
Brake System Type			Air Brake								
Suspension Type			Air								
CAPACITY											
GVWR	Manual T/M	kg (lb.)									
	Auto T/M	kg (lb.)	24,120 (53,200)								
GAWR	Front	kg (lb.)	5,980 (13,200)								
	Rear	kg (lb.)	18,140 (40,000)								
DIMENSIONS (On optional1 specifications)											
Wheelbase		mm (in.)	5,918 (233.0)								
Overall length		mm (in.)	9,459 (372.4)								
Overall width		mm (in.)	2,457 (96.7)								
Overall height		mm (in.)	2,757 (108.5)								
Cab to axle		mm (in.)	4,211 (165.8)								
Rear overhang		mm (in.)	2,464 (97.0)								
Frame height at	Front axle	mm (in.)	917 (36.1)								
	Rear axle	mm (in.)	996 (39.2)								
Road clearance (at diff. case)		mm (in.)	261 (10.3)								
Tread	Front	mm (in.)	2,081 (81.9)								
	Rear	mm (in.)	1,843 (72.6)								
Turning radius Tire		mm (in.)	10,450 (411.4)								
Turning radius Swept		mm (in.)	11,050 (435.0)								
CHASSIS WEIGHTS (on OPT.1 spec., without spare tire & std. tool set)											
MANUAL T/M											
Total weight	MT	kg (lb.)									
Front axle	MT	kg (lb.)									
Rear axle - total	MT	kg (lb.)									
Unsprung weight	Front	kg (lb.)									
	Rear	kg (lb.)									
AUTO T/M (ALLISON 3000RDS/3500RDS)											
Total weight	AT	kg (lb.)	6,785 (14,927)								
Front axle	AT	kg (lb.)	3,640 (8,008)								
Rear axle - total	AT	kg (lb.)	3,145 (6,919)								
Rear axle	R1	AT	kg (lb.)	1,590 (3,498)							
Rear axle	R2	AT	kg (lb.)	1,555 (3,421)							
Unsprung weight	Front	kg (lb.)	736 (1,619)								
	Rear	kg (lb.)	2,317 (5,097)								
AUTO T/M (ALLISON 3000HS)											
Total weight	AT	kg (lb.)	6,770 (14,894)								
Front axle	AT	kg (lb.)	3,630 (7,986)								
Rear axle - total	AT	kg (lb.)	3,140 (6,908)								
Rear axle	R1	AT	kg (lb.)	1,585 (3,487)							
Rear axle	R2	AT	kg (lb.)	1,555 (3,421)							
Unsprung weight	Front	kg (lb.)	736 (1,619)								
	Rear	kg (lb.)	2,317 (5,097)								
Center of gravity height from the ground		mm (in.)	758 (29.8)								

NMC2 E/G 300-360hp GVMR 53200lbs Rear air suspension

TIRE	11R22.5-16	frame section D propshaft series SPL170
FR. AXLE	DANA E1462W	
FR. SUS	14600	
RR. AXLE	DANA DSH40	
RR. SUS	40000	

Model		XL8	XL8							
		NMC2USG (C/D/F)XNUFN	NMC2USG(*) -(C/D/F)XNUFN							
Application		6x4 Straight Truck	6x4 Straight Truck							
Brake System Type		Air Brake	Air Brake							
Suspension Type		Air	Air							
CAPACITY										
GVWR	Manual T/M	kg (lb.)								
	Auto T/M	kg (lb.)	24,120 (53,200)	24,120 (53,200)						
GAWR	Front	kg (lb.)	5,980 (13,200)	5,980 (13,200)						
	Rear	kg (lb.)	18,140 (40,000)	18,140 (40,000)						
DIMENSIONS (On optional1 specifications)										
Wheelbase		mm (in.)	6,629 (261.0)	6,731 (265.0)						
Overall length		mm (in.)	10,170 (400.4)	10,272 (404.4)						
Overall width		mm (in.)	2,457 (96.7)	2,457 (96.7)						
Overall height		mm (in.)	2,757 (108.5)	2,756 (108.5)						
Cab to axle		mm (in.)	4,922 (193.8)	5,024 (197.8)						
Rear overhang		mm (in.)	2,464 (97.0)	2,464 (97.0)						
Frame height at	Front axle	mm (in.)	920 (36.2)	920 (36.2)						
	Rear axle	mm (in.)	999 (39.3)	999 (39.3)						
Road clearance		mm (in.)	261 (10.3)	261 (10.3)						
Tread	Front	mm (in.)	2,081 (81.9)	2,081 (81.9)						
	Rear	mm (in.)	1,843 (72.6)	1,843 (72.6)						
Turning radius Tire		mm (in.)	11,550 (454.7)	11,710 (461.0)						
Turning radius Swept		mm (in.)	12,150 (478.3)	12,310 (484.6)						
CHASSIS WEIGHTS (on OPT.1 spec., without spare tire & std. tool set)										
MANUAL T/M										
Total weight		MT	kg (lb.)							
Front axle		MT	kg (lb.)							
Rear axle - total		MT	kg (lb.)							
Rear axle	R1	MT	kg (lb.)							
Rear axle	R2	MT	kg (lb.)							
Unsprung weight	Front	kg (lb.)								
	Rear	kg (lb.)								
AUTO T/M (ALLISON 3000RDS/3500RDS)										
Total weight		AT	kg (lb.)	6,980 (15,356)	6,990 (15,378)					
Front axle		AT	kg (lb.)	3,750 (8,250)	3,760 (8,272)					
Rear axle - total		AT	kg (lb.)	3,230 (7,106)	3,230 (7,106)					
Rear axle	R1	AT	kg (lb.)	1,635 (3,597)	1,635 (3,597)					
Rear axle	R2	AT	kg (lb.)	1,595 (3,509)	1,595 (3,509)					
Unsprung weight	Front	kg (lb.)	736 (1,619)	736 (1,619)						
	Rear	kg (lb.)	2,317 (5,097)	2,317 (5,097)						
AUTO T/M (ALLISON 3000HS)										
Total weight		AT	kg (lb.)	6,965 (15,323)	6,970 (15,334)					
Front axle		AT	kg (lb.)	3,740 (8,228)	3,745 (8,239)					
Rear axle - total		AT	kg (lb.)	3,225 (7,095)	3,225 (7,095)					
Rear axle	R1	AT	kg (lb.)	1,630 (3,586)	1,630 (3,586)					
Rear axle	R2	AT	kg (lb.)	1,595 (3,509)	1,595 (3,509)					
Unsprung weight	Front	kg (lb.)	736 (1,619)	736 (1,619)						
	Rear	kg (lb.)	2,317 (5,097)	2,317 (5,097)						
Center of gravity height from the ground		mm (in.)	762 (30.0)	762 (30.0)						

NMC2 E/G 300-360hp GVMR 53200lbs Rear air suspension

TIRE	11R22.5-16	frame section E propshaft series SPL170
FR. AXLE	DANA E1462W	
FR. SUS	14600	
RR. AXLE	DANA DSH40	
RR. SUS	40000	

Model		XL8	XL8							
		NMC2VSG -(C/D/F)XNUGN	NMC2WSG -(C/D/F)XNUGN							
Application		6x4 Straight Truck	6x4 Straight Truck							
Brake System Type		Air Brake	Air Brake							
Suspension Type		Air	Air							
CAPACITY										
GVWR	Manual T/M	kg (lb.)								
	Auto T/M	kg (lb.)	24,120 (53,200)	24,120 (53,200)						
GAWR	Front	kg (lb.)	5,980 (13,200)	5,980 (13,200)						
	Rear	kg (lb.)	18,140 (40,000)	18,140 (40,000)						
DIMENSIONS (On optional1 specifications)										
Wheelbase		mm (in.)	6,985 (275.0)	7,137 (281.0)						
Overall length		mm (in.)	10,526 (414.4)	10,678 (420.4)						
Overall width		mm (in.)	2,457 (96.7)	2,457 (96.7)						
Overall height		mm (in.)	2,760 (108.7)	2,760 (108.7)						
Cab to axle		mm (in.)	5,278 (207.8)	5,430 (213.8)						
Rear overhang		mm (in.)	2,464 (97.0)	2,464 (97.0)						
Frame height at	Front axle	mm (in.)	917 (36.1)	917 (36.1)						
	Rear axle	mm (in.)	1,032 (40.6)	1,032 (40.6)						
Road clearance		mm (in.)	261 (10.3)	261 (10.3)						
Tread	Front	mm (in.)	2,081 (81.9)	2,081 (81.9)						
	Rear	mm (in.)	1,843 (72.6)	1,843 (72.6)						
Turning radius Tire		mm (in.)	12,100 (476.4)	13,090 (515.4)						
Turning radius Swept		mm (in.)	12,700 (500.0)	13,690 (539.0)						
CHASSIS WEIGHTS (on OPT.1 spec., without spare tire & std. tool set)										
MANUAL T/M										
Total weight		MT	kg (lb.)							
Front axle		MT	kg (lb.)							
Rear axle - total		MT	kg (lb.)							
Rear axle	R1	MT	kg (lb.)							
Rear axle	R2	MT	kg (lb.)							
Unsprung weight	Front	kg (lb.)								
	Rear	kg (lb.)								
AUTO T/M (ALLISON 3000RDS/3500RDS)										
Total weight		AT	kg (lb.)	7,250 (15,950)	7,275 (16,005)					
Front axle		AT	kg (lb.)	3,825 (8,415)	3,840 (8,448)					
Rear axle - total		AT	kg (lb.)	3,425 (7,535)	3,435 (7,557)					
Rear axle	R1	AT	kg (lb.)	1,735 (3,817)	1,740 (3,828)					
Rear axle	R2	AT	kg (lb.)	1,690 (3,718)	1,695 (3,729)					
Unsprung weight	Front	kg (lb.)	736 (1,619)	736 (1,619)						
	Rear	kg (lb.)	2,317 (5,097)	2,317 (5,097)						
AUTO T/M (ALLISON 3000HS)										
Total weight		AT	kg (lb.)	7,240 (15,928)	7,250 (15,950)					
Front axle		AT	kg (lb.)	3,815 (8,393)	3,825 (8,415)					
Rear axle - total		AT	kg (lb.)	3,425 (7,535)	3,425 (7,535)					
Rear axle	R1	AT	kg (lb.)	1,735 (3,817)	1,735 (3,817)					
Rear axle	R2	AT	kg (lb.)	1,690 (3,718)	1,690 (3,718)					
Unsprung weight	Front	kg (lb.)	736 (1,619)	736 (1,619)						
	Rear	kg (lb.)	2,317 (5,097)	2,317 (5,097)						
Center of gravity height from the ground		mm (in.)	767 (30.2)	767 (30.2)						

NMC2 E/G 300-360hp GVMR 54000lbs Rear Air Suspension

TIRE	F:12R22.5-16R:11R22.5-14	frame section C propshaft series SPL170
FR. AXLE	DANA E1462W	
FR. SUS	14600	
RR. AXLE	DANA DSH40	
RR. SUS	40000	

Model			XL8									
			NMC2RSG									
			-(C/D/F)XNUEN									
Application			6x4 Straight Truck									
Brake System Type			Air Brake									
Suspension Type			Air									
CAPACITY												
GVWR	Manual T/M	kg (lb.)										
	Auto T/M	kg (lb.)	24,490 (54,000)									
GAWR	Front	kg (lb.)	6,350 (14,000)									
	Rear	kg (lb.)	18,140 (40,000)									
DIMENSIONS (On standard specifications)												
Wheelbase		mm (in.)	5,918 (233.0)									
Overall length		mm (in.)	9,459 (372.4)									
Overall width		mm (in.)	2,457 (96.7)									
Overall height		mm (in.)	2,771 (109.1)									
Cab to axle		mm (in.)	4,211 (165.8)									
Rear overhang		mm (in.)	2,464 (97.0)									
Frame height at	Front axle	mm (in.)	936 (36.9)									
	Rear axle	mm (in.)	994 (39.1)									
Road clearance (at diff. case)		mm (in.)	261 (10.3)									
Tread	Front	mm (in.)	2,070 (81.5)									
	Rear	mm (in.)	1,843 (72.6)									
Turning radius Tire		mm (in.)	10,450 (411.4)									
Turning radius Swept		mm (in.)	11,050 (435.0)									
CHASSIS WEIGHTS (on std. spec., without spare tire & std. tool set)												
MANUAL T/M												
Total weight	MT	kg (lb.)										
Front axle	MT	kg (lb.)										
Rear axle - total	MT	kg (lb.)										
Unsprung weight	Front	kg (lb.)										
	Rear	kg (lb.)										
AUTO T/M (ALLISON 3000RDS/3500RDS)												
Total weight	AT	kg (lb.)	6,840 (15,048)									
Front axle	AT	kg (lb.)	3,695 (8,129)									
Rear axle - total	AT	kg (lb.)	3,145 (6,919)									
Rear axle	R1	AT	kg (lb.)	1,590 (3,498)								
Rear axle	R2	AT	kg (lb.)	1,555 (3,421)								
Unsprung weight	Front	kg (lb.)	790 (1,738)									
	Rear	kg (lb.)	2,317 (5,097)									
AUTO T/M (ALLISON 3000HS)												
Total weight	AT	kg (lb.)	6,825 (15,015)									
Front axle	AT	kg (lb.)	3,685 (8,107)									
Rear axle - total	AT	kg (lb.)	3,140 (6,908)									
Rear axle	R1	AT	kg (lb.)	1,585 (3,487)								
Rear axle	R2	AT	kg (lb.)	1,555 (3,421)								
Unsprung weight	Front	kg (lb.)	790 (1,738)									
	Rear	kg (lb.)	2,317 (5,097)									
Center of gravity height from the ground		mm (in.)	765 (30.1)									

NMC2 E/G 300-360hp GVMR 54000lbs Rear Air Suspension

TIRE	F:12R22.5-16R:11R22.5-14	frame section D propshaft series SPL170
FR. AXLE	DANA E1462W	
FR. SUS	14600	
RR. AXLE	DANA DSH40	
RR. SUS	40000	

Model			XL8		XL8								
			NMC2USG -(C/D/F)XNUFN		NMC2USG(*) -(C/D/F)XNUFN								
Application			6x4 Straight Truck		6x4 Straight Truck								
Brake System Type			Air Brake		Air Brake								
Suspension Type			Air		Air								
CAPACITY													
GVWR	Manual T/M	kg (lb.)											
	Auto T/M	kg (lb.)	24,490 (54,000)	24,490 (54,000)									
GAWR	Front	kg (lb.)	6,350 (14,000)	6,350 (14,000)									
	Rear	kg (lb.)	18,140 (40,000)	18,140 (40,000)									
DIMENSIONS (On standard specifications)													
Wheelbase		mm (in.)	6,629 (261.0)	6,731 (265.0)									
Overall length		mm (in.)	10,170 (400.4)	10,272 (404.4)									
Overall width		mm (in.)	2,457 (96.7)	2,457 (96.7)									
Overall height		mm (in.)	2,772 (109.1)	2,772 (109.1)									
Cab to axle		mm (in.)	4,922 (193.8)	5,024 (197.8)									
Rear overhang		mm (in.)	2,464 (97.0)	2,464 (97.0)									
Frame height at	Front axle	mm (in.)	939 (37.)	939 (37.)									
	Rear axle	mm (in.)	997 (39.3)	997 (39.3)									
Road clearance (at diff. case)		mm (in.)	261 (10.3)	261 (10.3)									
Tread	Front	mm (in.)	2,070 (81.5)	2,070 (81.5)									
	Rear	mm (in.)	1,843 (72.6)	1,843 (72.6)									
Turning radius Tire		mm (in.)	11,550 (454.7)	11,710 (461.0)									
Turning radius Swept		mm (in.)	12,150 (478.3)	12,310 (484.6)									
CHASSIS WEIGHTS (on std. spec., without spare tire & std. tool set)													
MANUAL T/M													
Total weight		MT	kg (lb.)										
Front axle		MT	kg (lb.)										
Rear axle - total		MT	kg (lb.)										
Rear axle	R1	MT	kg (lb.)										
Rear axle	R2	MT	kg (lb.)										
Unsprung weight	Front	kg (lb.)											
	Rear	kg (lb.)											
AUTO T/M (ALLISON 3000RDS/3500RDS)													
Total weight		AT	kg (lb.)	7,035 (15,477)	7,045 (15,499)								
Front axle		AT	kg (lb.)	3,805 (8,371)	3,815 (8,393)								
Rear axle - total		AT	kg (lb.)	3,230 (7,106)	3,230 (7,106)								
Rear axle	R1	AT	kg (lb.)	1,635 (3,597)	1,635 (3,597)								
Rear axle	R2	AT	kg (lb.)	1,595 (3,509)	1,595 (3,509)								
Unsprung weight	Front	kg (lb.)	790 (1,738)	790 (1,738)									
	Rear	kg (lb.)	2,317 (5,097)	2,317 (5,097)									
AUTO T/M (ALLISON 3000HS)													
Total weight		AT	kg (lb.)	7,015 (15,433)	7,025 (15,455)								
Front axle		AT	kg (lb.)	3,790 (8,338)	3,800 (8,360)								
Rear axle - total		AT	kg (lb.)	3,225 (7,095)	3,225 (7,095)								
Rear axle	R1	AT	kg (lb.)	1,630 (3,586)	1,630 (3,586)								
Rear axle	R2	AT	kg (lb.)	1,595 (3,509)	1,595 (3,509)								
Unsprung weight	Front	kg (lb.)	790 (1,738)	790 (1,738)									
	Rear	kg (lb.)	2,317 (5,097)	2,317 (5,097)									
Center of gravity height from the ground		mm (in.)	769 (30.3)	769 (30.3)									

NMC2 E/G 300-360hp GVMR 54000lbs Rear Air Suspension

TIRE	F:12R22.5-16R:11R22.5-14	frame section E propshaft series SPL170
FR. AXLE	DANA E1462W	
FR. SUS	14600	
RR. AXLE	DANA DSH40	
RR. SUS	40000	

Model			XL8 NMC2VSG -(C/D/F)XNUGN									
Application			6x4 Straight Truck									
Brake System Type			Air Brake									
Suspension Type			Air									
CAPACITY												
GVWR	Manual T/M	kg (lb.)										
	Auto T/M	kg (lb.)	24,490 (54,000)									
GAWR	Front	kg (lb.)	6,350 (14,000)									
	Rear	kg (lb.)	18,140 (40,000)									
DIMENSIONS (On standard specifications)												
Wheelbase		mm (in.)	6,985 (275.0)									
Overall length		mm (in.)	10,526 (414.4)									
Overall width		mm (in.)	2,457 (96.7)									
Overall height		mm (in.)	2,776 (109.3)									
Cab to axle		mm (in.)	5,278 (207.8)									
Rear overhang		mm (in.)	2,464 (97.0)									
Frame height at	Front axle	mm (in.)	936 (36.9)									
	Rear axle	mm (in.)	1,000 (39.4)									
Road clearance (at diff. case)		mm (in.)	261 (10.3)									
Tread	Front	mm (in.)	2,070 (81.5)									
	Rear	mm (in.)	1,843 (72.6)									
Turning radius Tire		mm (in.)	12,100 (476.4)									
Turning radius Swept		mm (in.)	12,700 (500.0)									
CHASSIS WEIGHTS (on std. spec., without spare tire & std. tool set)												
MANUAL T/M												
Total weight		MT	kg (lb.)									
Front axle		MT	kg (lb.)									
Rear axle - total		MT	kg (lb.)									
Rear axle	R1	MT	kg (lb.)									
Rear axle	R2	MT	kg (lb.)									
Unsprung weight	Front	kg (lb.)										
	Rear	kg (lb.)										
AUTO T/M (ALLISON 3000RDS/3500RDS)												
Total weight		AT	kg (lb.)	7,305 (16,071)								
Front axle		AT	kg (lb.)	3,880 (8,536)								
Rear axle - total		AT	kg (lb.)	3,425 (7,535)								
Rear axle	R1	AT	kg (lb.)	1,735 (3,817)								
Rear axle	R2	AT	kg (lb.)	1,690 (3,718)								
Unsprung weight	Front	kg (lb.)	790 (1,738)									
	Rear	kg (lb.)	2,317 (5,097)									
AUTO T/M (ALLISON 3000HS)												
Total weight		AT	kg (lb.)	7,290 (16,038)								
Front axle		AT	kg (lb.)	3,865 (8,503)								
Rear axle - total		AT	kg (lb.)	3,425 (7,535)								
Rear axle	R1	AT	kg (lb.)	1,735 (3,817)								
Rear axle	R2	AT	kg (lb.)	1,690 (3,718)								
Unsprung weight	Front	kg (lb.)	790 (1,738)									
	Rear	kg (lb.)	2,317 (5,097)									
Center of gravity height from the ground		mm (in.)	775 (30.5)									

NMC2 E/G 300-360hp GVMR 59200lbs Rear air suspension

TIRE	11R22.5-16	frame section C propshaft series SPL170
FR. AXLE	DANA E1462W	
FR. SUS	14600	
RR. AXLE	DANA D46-172	
RR. SUS	46000	

Model			XL8 NMC2RSG -(C/D/F)XNUEN									
Application			6x4 Straight Truck									
Brake System Type			Air Brake									
Suspension Type			Air									
CAPACITY												
GVWR	Manual T/M	kg (lb.)										
	Auto T/M	kg (lb.)	26,840 (59,200)									
GAWR	Front	kg (lb.)	5,980 (13,200)									
	Rear	kg (lb.)	20,860 (46,000)									
DIMENSIONS (On optional2 specifications)												
Wheelbase		mm (in.)	5,918 (233.0)									
Overall length		mm (in.)	9,459 (372.4)									
Overall width		mm (in.)	2,457 (96.7)									
Overall height		mm (in.)	2,761 (108.7)									
Cab to axle		mm (in.)	4,211 (165.8)									
Rear overhang		mm (in.)	2,464 (97.0)									
Frame height at	Front axle	mm (in.)	917 (36.1)									
	Rear axle	mm (in.)	1,013 (39.9)									
Road clearance (at diff. case)		mm (in.)	225 (8.9)									
Tread	Front	mm (in.)	2,081 (81.9)									
	Rear	mm (in.)	1,843 (72.6)									
Turning radius Tire		mm (in.)	10,450 (411.4)									
Turning radius Swept		mm (in.)	11,050 (435.0)									
CHASSIS WEIGHTS (on OPT.2 spec., without spare tire & std. tool set)												
MANUAL T/M												
Total weight	MT	kg (lb.)										
Front axle	MT	kg (lb.)										
Rear axle - total	MT	kg (lb.)										
Unsprung weight	Front	kg (lb.)										
	Rear	kg (lb.)										
AUTO T/M (ALLISON 3000RDS/3500RDS)												
Total weight	AT	kg (lb.)	7,075 (15,565)									
Front axle	AT	kg (lb.)	3,640 (8,255)									
Rear axle - total	AT	kg (lb.)	3,435 (7,557)									
Rear axle	R1	AT	kg (lb.)	1,735 (3,670)								
Rear axle	R2	AT	kg (lb.)	1,700 (3,605)								
Unsprung weight	Front	kg (lb.)	736 (1,619)									
	Rear	kg (lb.)	2,604 (5,729)									
AUTO T/M (ALLISON 3000HS)												
Total weight	AT	kg (lb.)	7,055 (15,521)									
Front axle	AT	kg (lb.)	3,630 (8,225)									
Rear axle - total	AT	kg (lb.)	3,425 (7,535)									
Rear axle	R1	AT	kg (lb.)	1,730 (3,670)								
Rear axle	R2	AT	kg (lb.)	1,695 (3,605)								
Unsprung weight	Front	kg (lb.)	736 (1,619)									
	Rear	kg (lb.)	2,604 (5,729)									
Center of gravity height from the ground		mm (in.)	751 (29.6)									

NMC2 E/G 300-360hp GVMR 60000lbs Rear air suspension

TIRE	F:12R22.5-16R:11R22.5-14	frame section C propshaft series SPL170
FR. AXLE	DANA E1462W	
FR. SUS	14600	
RR. AXLE	DANA D46-172	
RR. SUS	46000	

Model			XL8 NMC2RSG -(C/D/F)XNUEN									
Application			6x4 Straight Truck									
Brake System Type			Air Brake									
Suspension Type			Air									
CAPACITY												
GVWR	Manual T/M	kg (lb.)										
	Auto T/M	kg (lb.)	27,210 (60,000)									
GAWR	Front	kg (lb.)	6,350 (14,000)									
	Rear	kg (lb.)	20,860 (46,000)									
DIMENSIONS (On optional2 specifications)												
Wheelbase		mm (in.)	5,918 (233.0)									
Overall length		mm (in.)	9,459 (372.4)									
Overall width		mm (in.)	2,457 (96.7)									
Overall height		mm (in.)	2,776 (109.3)									
Cab to axle		mm (in.)	4,211 (165.8)									
Rear overhang		mm (in.)	2,464 (97.0)									
Frame height at	Front axle	mm (in.)	937 (36.9)									
	Rear axle	mm (in.)	1,013 (39.9)									
Road clearance (at diff. case)		mm (in.)	225 (8.9)									
Tread	Front	mm (in.)	2,070 (81.5)									
	Rear	mm (in.)	1,843 (72.6)									
Turning radius Tire		mm (in.)	10,450 (411.4)									
Turning radius Swept		mm (in.)	11,050 (435.0)									
CHASSIS WEIGHTS (on OPT.2 spec., without spare tire & std. tool set)												
MANUAL T/M												
Total weight	MT	kg (lb.)										
Front axle	MT	kg (lb.)										
Rear axle - total	MT	kg (lb.)										
Unsprung weight	Front	kg (lb.)										
	Rear	kg (lb.)										
AUTO T/M (ALLISON 3000RDS/3500RDS)												
Total weight	AT	kg (lb.)	7,130 (15,686)									
Front axle	AT	kg (lb.)	3,695 (8,129)									
Rear axle - total	AT	kg (lb.)	3,435 (7,557)									
Rear axle	R1	AT	kg (lb.)	1,735 (3,817)								
Rear axle	R2	AT	kg (lb.)	1,700 (3,740)								
Unsprung weight	Front	kg (lb.)	790 (1,738)									
	Rear	kg (lb.)	2,604 (5,729)									
AUTO T/M (ALLISON 3000HS)												
Total weight	AT	kg (lb.)	7,110 (15,642)									
Front axle	AT	kg (lb.)	3,685 (8,107)									
Rear axle - total	AT	kg (lb.)	3,425 (7,535)									
Rear axle	R1	AT	kg (lb.)	1,730 (3,806)								
Rear axle	R2	AT	kg (lb.)	1,695 (3,729)								
Unsprung weight	Front	kg (lb.)	790 (1,738)									
	Rear	kg (lb.)	2,604 (5,729)									
Center of gravity height from the ground		mm (in.)	758 (29.8)									

3. WEIGHT DISTRIBUTION OF THE OPTIONAL EQUIPMENT

The table of option weight shows the difference weight with standard specifications.

CONTENT OF OPTION		WEIGHT kg (lb.)	GRAVITY POSITION FROM F.A.C. m (ft.)	MOMENT FROM F.A.C. kg·m (lb·ft)	W/B	REMARKS
SEATING CAPACITY	2	-4 (-9)	1.16 (3.8)	-4.63 (-33.47)	ALL	
FUEL TANK (WITH FUEL)	90GAL x 1	154 (340)	1.73 (5.68)	266.42 (1927.02)	ALL	
	50GAL x 2	206 (454)	1.945 (6.38)	400.67 (2898.05)	ALL	
	120GAL	274 (604)	1.97 (6.46)	539.78 (3904.23)	ALL	
STANDARD BATTERY BOX	GR31 x 3	25 (56)	0.81 (2.66)	20.41 (147.64)	ALL	
	AGM x 2	11 (24)	0.81 (2.66)	8.91 (64.45)	ALL	
	AGM x 3	42 (92)	0.81 (2.66)	33.78 (244.31)	ALL	
	ODYSSEY x 2	12 (27)	0.81 (2.66)	9.88 (71.48)	ALL	
	ODYSSEY x 3	44 (96)	0.81 (2.66)	35.24 (254.86)	ALL	
EXHAUST	STACK TAIL - TRUCK	49 (108)	1.46 (4.79)	71.54 (517.45)	ALL	
	STACK TAIL - TRACTOR	56 (123)	1.46 (4.79)	81.76 (591.37)	ALL	
TOW HOOKS	LESS	-5 (-12)	-1.00 (-3.28)	5.40 (39.06)	ALL	
	Extended Tow Hook	5 (11)	-1.10 (-3.61)	-5.50 (-39.78)	ALL	Extended bumper
FRONT BUMPER	STEEL	10 (21)	-1.05 (-3.44)	-9.98 (-72.15)	ALL	
	STL + 4"	20 (45)	-1.15 (-3.77)	-23.35 (-168.85)	ALL	
	RESIN + 4"	11 (24)	-1.15 (-3.77)	-12.42 (-89.83)	ALL	
	LESS	-27 (-60)	-1.05 (-3.44)	28.56 (206.57)	ALL	
COUPLER	SLIDING	75 (166)	at rear axle center line		ALL	
FRONT AXLE	DANA E1252RW Disc for 12k	28 (61)			ALL	Unsprung weight
	DANA E1462W Drum for 13.2k to 14.6k	18 (40)			ALL	Unsprung weight
	DANA E1462W Disc for 13.2k to 14.6k	46 (101)			ALL	Unsprung weight
FRONT SUSPENSION	Leaf 14.6k	33 (73)			ALL	Unsprung weight
REAR AXLE 6X4	DANA DSH40 Air Drum	0 (0)			ALL	STD - Air
	DANA D46 172 Air Drum	189 (417)			ALL	Unsprung weight
REAR SUSPENSION 6X4	Air 40k	0 (0)	at rear trunnion center line		ALL	STD - Air
	Air 46k	99 (218)	at rear trunnion center line		ALL	Unsprung weight

MODEL : NMC2(XL8)

DETAIL OF OPTION TIRE

STD /OPT	Front Tire size	Front		Rear Tire size	Rear		The difference kg (lb)	
		RIB/LUG	Maker Pattern		RIB/LUG	Maker Pattern	Front Axle	Rear Axle
STD	12R22.5 - 16	RIB	Bridgestone R268 (H)	11R22.5 - 14	LUG	Bridgestone M760 (G)		
OPT	11R22.5 - 16	RIB	Bridgestone R268 (H)	11R22.5 - 16	RIB	Bridgestone R268 (H)	-14 (-32)	4 (9)
					LUG	Bridgestone M799		4 (9)
	295/75R22.5 - 16	RIB	Bridgestone R268 (H)	295/75R22.5 - 16	RIB	Bridgestone R268 (H)	-19 (-42)	-11 (-25)
	12R22.5 - 16	RIB	Bridgestone R268 (H)	11R22.5 - 14	RIB	Bridgestone R268 (G)	0 (0)	0 (0)
				11R22.5 - 16	RIB	Bridgestone R268 (H)		4 (9)
					LUG	Bridgestone M799		4 (9)
				12R22.5 - 16	RIB	Bridgestone R268 (H)		62 (136)
	315/80R22.5 - 20	RIB	Bridgestone M870	11R22.5 - 16	RIB	Bridgestone R268 (H)	26 (58)	4 (9)
					LUG	Bridgestone M799		4 (9)
				295/75R22.5 - 14	RIB	Bridgestone R268 (G)		-16 (-35)
					LUG	Bridgestone M726ELA		-13 (-28)
				295/75R22.5 - 16	RIB	Bridgestone R268 (H)		-11 (-25)
				315/80R22.5 - 20	RIB	Bridgestone M870		167 (369)

DETAIL OF OPTION WHEEL

STD /OPT	Disk size	Front	Rear	The difference kg (lb)	
		Rim width (in.)	Rim width (in.)	Front Axle	Rear Axle
STD	22.5XFR 9.00 - RR 8.25 STEEL	9.00	8.25		
OPT	FR & RR 22.5X8.25 STEEL	8.25	8.25	-39 (-86)	0 (0)
	FR & RR 22.5X8.25 ALUMINUM			-91 (-200)	
	FR 22.5X8.25 ALUMINUM RR 22.5X8.25 ALUMINUM/STEEL			-62 (-136)	-45 (-100)
	FR & RR 22.5X9.00 STEEL	9.00	9.00	0 (0)	156 (344)
	FR & RR 22.5X9.00 ALUMINUM			-26 (-56)	
	FR 22.5X9.00 ALUMINUM RR 22.5X9.00 ALUMINUM/STEEL			-45 (-100)	65 (144)
	22.5XFR 9.00 - RR 8.25 ALUMINUM		8.25	-91 (-200)	
	FR 22.5X9.00 ALUMINUM RR 22.5X8.25 ALUMINUM/STEEL			-45 (-100)	-45 (-100)

4. CAUTIONS TO INSTALL VARIOUS KIND OF BODY

1. The center of gravity of the complete vehicle should be equal to or less than 1778mm (70in.) from the ground.
2. 90% or more of the operating conditions should be on a good paved road.
3. Installation of a Dump body is not recommended on the air suspended models.