



FDR & FGR 1.5-3.5

Relevo Brochure





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Why Nexen Builds a Better Lift Truck

Nexen is the first choice supplier for the global materials handling industry. Nexen delivers a high return on investment, innovative quality solutions and dependable products through its worldwide distribution network.

Nexen uses the very latest virtual design software & techniques to deliver class leading lift trucks. The Nexen Relevo range is a completely new design and is a fresh outlook.

Nexen only selects the highest specification components in its commitment to provide quality and reliability to its customers, and to deliver a world-leading product from its ISO9001 production facilities.

The Nexen Relevo range, with its fresh new design, ergonomics, and comfort, represents one of the lowest cost of ownership trucks in its class, giving an excellent return on investment, ensuring maximum performance from the operator and machine at all time.

Nexen is also committed to providing unparalleled after sales support through its Dealer Network, which can offer the following services;



Rapid and fully comprehensive spare parts program



Class leading onboard diagnostics to ensure optimum performance



Standard, comprehensive, or bespoke warranty programs



Worldwide Dealer Support network





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LIFT TRUCK TECHNOLOGY

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The hard fact

At Nexen, we appreciate the importance of detail. Over the following pages, you'll find a breakdown of standard and optional equipment as well as details of the comprehensive services and benefits that are available to every Nexen Lift Truck Owner.

Although, sometimes things have to be experienced to be fully appreciated, such as the qualities that set a Nexen Forklift apart. Which is why we would like to invite you to our Nexen Headquarters or, alternatively, your local Nexen Dealer.

For more information visit our website www.nexenlifttrucks.com or call +44 1502 532 211





Relevo LPG model breakdown

Model	Range	Engine	Region	Load Capacity (Kg)	Load Centre (mm)
FGR15	Relevo	Nissan K21	Europe	1500	500
FGR18	Relevo	Nissan K21	Europe	1800	
FGR25	Relevo	Nissan K25	Europe	2500	
FGR30	Relevo	Nissan K25	Europe	3000	
FGR35	Relevo	Nissan K25	Europe	3500	
FGR40	Relevo	PSI GM 4.3L	Northern America	4000	600
FGR45	Relevo	PSI GM 4.3L	Northern America	4500	
FGR50s	Relevo	PSI GM 4.3L	Northern America	5000	
FGR50	Relevo	PSI GM 4.3L	Northern America	5000	600
FGR70	Relevo	PSI GM 4.3L	Northern America	7000	



Relevo DIESEL model breakdown

Model	Range	Engine	Region	Load Capacity (Kg)	Load Centre (mm)	
FDR15	Relevo	Yanmar 4TNE92	Europe	1500	500	
FDR18	Relevo	Yanmar 4TNE92	Europe	1800		
FDR25	Relevo	Mitsubishi S4S	Europe	2500	500	
	Relevo	Isuzu C240	Europe			
FDR30	Relevo	Mitsubishi S4S	Europe	3000	500	
	Relevo	Isuzu C240	Europe			
FDR35	Relevo	Mitsubishi S4S	Europe	3500		
	Relevo	Isuzu C240	Europe			
FDR40	Relevo	Mitsubishi S6S	Rest of world	4000	500	
	Relevo	Deutz 2.9L	Europe			
FDR45	Relevo	Mitsubishi S6S	Rest of world	4500		
	Relevo	Deutz 2.9L	Europe			
FDR50s	Relevo	Mitsubishi S6S	Rest of world	5000		
	Relevo	Deutz 2.9L	Europe			
FDR50	Relevo	Mitsubishi S6S	Rest of world	5000		600
	Relevo	Deutz 3.6L	Europe			
	Relevo	Isuzu 6BG1	Rest of world			
FDR70	Relevo	Mitsubishi S6S	Rest of world	7000		
	Relevo	Deutz 3.6L	Europe			
	Relevo	Isuzu 6BG1	Rest of world			
FDR80	Relevo	Cummins QSB4.5	Europe	8000	600	
	Relevo	Cummins QSB4.5	Rest of world			
FDR100	Relevo	Cummins QSB4.5	Europe	10,000		
	Relevo	Cummins QSB4.5	Rest of world			
FDR120-6	Relevo	Cummins QSB4.5	Europe	12,000		
	Relevo	Cummins QSB4.5	Rest of world			







● Standard Spec ○ Optional Spec	FDL16-35	FDL40-50s	FGL15-35	FGL40-50s
Mast				
Wide Visibility Duplex	●	●	●	●
Wide Visibility Duplex Full-free Lift	○	○	○	○
Open View Triplex Full-free Lift	○	○	○	○
Hook-on Sideshift	○	○	○	○
2 nd Service Hydraulic Function	●	●	●	●
3 rd Service Hydraulic Function	○	○	○	○
4 th Service Hydraulic Function	○	○	○	○
Integrated Sideshift	○	○	○	○
Fork positioning Sideshift	○	○	○	○
Weigh Log Indicator	○	○	○	○
Rack Height Indicator	○	○	○	○
Quick Release Hydraulic Couplings	○	○	○	○

CHASSIS

Comfort Seat, PVC	●	●	●	●
Comfort Seat, With Suspension, PVC	○	○	○	○
Grammer MSG20 suspension seat, PVC	○	○	○	○
Grammer MSG20 suspension seat, Fabric	○	○	○	○
Grammer MSG65 suspension seat, PVC	○	○	○	○
Grammer MSG65 suspension seat, Fabric	○	○	○	○
Armrests	○	○	○	○
Multi functional armrest with finger tip, forward/reverse & Emergency switch	○	○	○	○
Panoramic Rear View Mirror	○	○	○	○
Rear View Mirror Left & Right sides	○	○	○	○
Over Head Guard Plastic Cover	○	○	○	○
Front Windshield & Roof	○	○	○	○
Cabin Without Doors	○	○	○	○
Canvas cabin	○	○	○	○
Full Steel Weather guard	○	○	○	○
Heater	○	○	○	○
Aircon	○	○	○	○
Adjustable steering	●	●	●	●
Clipboard holder	○	○	○	○
USB port	○	○	○	○
Secondary, Air filter	○	○	○	○
Oil Bath Air intake	○	○	○	○
Spark Arrestor	○	○	○	○
Catalytic Converter	○	○	○	○
Downswept Exhaust	●	●	●	●
Upswept Exhaust	○	○	○	○

ELECTRICAL					
Headlights	☐	☐	☐	☐	☐
Full Road Lighting with indicators and work light	☐	☐	☐	☐	☐
Rear Working Light	☐	☐	☐	☐	☐
Flashing Beacon	☐	☐	☐	☐	☐
Back-up Alarm	☒	☒	☒	☒	☒
Operator Presence System (OPS)	☒	☒	☒	☒	☒
Blue Light	☐	☐	☐	☐	☐
Speed Limiter	☒	☒	☒	☒	☒
Camera System	☐	☐	☐	☐	☐
Crash Detection	☐	☐	☐	☐	☐
Keypad Entry	☐	☐	☐	☐	☐
Tyre					
Pneumatic Tyre	☒	☒	☒	☒	☒
Solid Residual Tyre	☐	☐	☐	☐	☐
Non-Marking Tyre	☐	☐	☐	☐	☐
Eco Advance Low Resistance Tyre	☐	☐	☐	☐	☐
Wide Tread	☐	☐	☐	☐	☐
Twin Wheel	☐	☐	☐	☐	☐





Technical Data

Nexen Relevo 1.8-3.5T Diesel & LPG Forklift Specifications													
General	1	Model			FGR18	FDR18	FGR25	FDR25	FGR30	FDR30	FGR35	FDR35	
	2	Rated capacity		kg	1800	1800	2500	2500	3000	3000	3500	3500	
		Fuel Type			LPG	Diesel	LPG	Diesel	LPG	Diesel	LPG	Diesel	
	3	Load center		mm	500	500	500	500	500	500	500	500	
Characteristics & Dimensions	4	Lift height		mm	3000	3000	3000	3000	3000	3000	3000	3000	
	5	Mast tilt angle	Forward/Backward	Deg	6/12	6/12	6/12	6/12	6/12	6/12	6/12	6/12	
	6		LxWxT	mm	920x100x35	920x100x35	1070x122x40	1070x122x40	1070x125x45	1070x125x45	1010x130x50	1010x130x50	
	7		Adjusting range	mm	200-890	200-890	250-1000	250-1000	250-1060	250-1060	260-1060	260-1060	
	8	Front overhang		mm	400	400	475	475	490	490	501	501	
	9	Rear overhang		mm	510	510	544	544	519	519	623	623	
	10	Mast width		Outer width	mm	660	660	720	720	720	720	720	
	11	Ground Clearance (under platform)		Unladen	mm	130	130	130	130	155	155	155	
	Laden			mm	120	120	120	120	145	145	145	145	
	12	Ground Clearance (under mast)		Unladen	mm	130	130	125	125	145	145	145	
	Laden			mm	120	120	115	115	130	130	130	130	
	15	Overall dimensions	Overall length (without forks)		mm	2300	2300	2S20	2S20	2680	2680	2804	2804
	16		Overall width		mm	1070	1070	1150	1150	1210	1210	1210	1210
	17		Overall height	Overhead guard height	mm	2110	2110	2180	2180	2205	2205	2205	2205
	18			Mast	mm	2015	2015	2010	2010	2075	2075	2150	2150
	19			Mast extended height	mm	3984	3984	3990	3990	4100	4100	4100	4100
	20	Min turning radius			mm	2075	2075	2230	2230	2450	2450	2520	2520
	21	Wheelbase			mm	1400	1400	1600	1600	1700	1700	1700	1700
	22	Traction pin height from the ground			mm	190	190	250	250	480	480	480	480
	23	Lowered seat to overhead guard inside height			mm	1100	1100	1100	1100	1100	1100	1100	1100
24	Tyre pressure	Front		MPa	0.79	0.79	0.86	0.8S	0.97	0.97	0.97	0.97	
25		Rear		MPa	0.7	0.7	0.86	0.86	0.79	0.79	0.79	0.79	
27	Tread	Front		mm	890	890	970	970	1000	1000	1000	1000	
28		Rear		mm	920	920	980	980	970	970	970	970	
29	Tyre center height from the ground	Unladen	Front	mm	290	290	320	320	345	345	345	345	
30			Rear	mm	220	220	250	250	2S0	2S0	2S0	2S0	
31		Laden	Front	mm	300	300	310	310	330	330	330	330	
32			Rear	mm	235	235	2S5	2S5	280	280	280	280	
33	Speed	Travel(Unladen/Laden)		km/h	14.5	14.5	18/17.5	18/17.5	19/18	19/18	19/ 18	19/18	
34		Lifting (Unladen/Laden)		mm/se	480/460	480/460	640/610	S40/610	550/520	550/520	430/410	430/410	
35		Lowering (Unladen/Laden)		mm/se	480/450	480/450	420/380	420/380	400/380	400/380	400/380	400/380	
36	Engine	Engine Manufacturer			Nissan	Yanmar	Nissan	Yanmar	Nissan	Yanmar	Nissan	Yanmar	
37		Engine Model			K25	4TNE98	K25	4TNE98	K25	4TNE98	K25	4TNE98	
Performance	38	Max drawbar pull(Unladen/Laden)		KN	16/ 18	16/ 18	15/17	15/17	15/ 17	15/17	15/ 17	15/17	
	39	Max gradeability (Unladen/laden)		%	20	20	20	20	20	20	18	18	
	40	Ramp parking brake		%	15	15	15	15	15	15	15	15	
	41	Braking distance		m	SS	S6	S6	SS	S6	S6	S6	S6	
42	System pressure			MPa	14.5	14.5	20	20	20	20	20	20	
Weight	43	Self weight		kg	2800	2800	3590	3590	4300	4300	4680	4680	
	44	Weight distribution	Laden	Front	kg	3950	3950	5320	5320	6495	6495	7275	
	Rear			kg	650	650	770	770	805	805	905	905	
	46		Unladen	Front	kg	1260	1260	1630	1630	1800	1800	1950	1950
	Rear			kg	1540	1540	1960	1960	2500	2500	2730	2730	

Mast Specification												
1.8t Mast Specifications												
Type	Model	Max fork height mm	Overall height			Freelift		Front overhang	Tilt range		Capacity	
			Lowered 1.8t mm	Extended		Without backrest mm	With backrest mm	1.8t mm		FWD Deg	BWD Deg	Load capacity at 500mm
				Without backrest 1.8t mm	With backrest 1.8t mm							Single tyre
												1.8t kg
												1.8t kg
Wide view 2-stage mast	M200	2000	1515	2513	2984	135	135	400	6	12	1800	
	M250	2500	1765	3013	3484	135	135	400	6	12	1800	
	M300	3000	2015	3513	3984	135	135	400	6	12	1800	
	M330	3300	2165	3813	4284	135	135	400	6	12	1800	
	M350	3500	2265	4013	4484	135	135	400	6	12	1800	
	M370	3700	2365	4213	4684	135	135	400	6	6	1800	
	M400	4000	2565	4513	4984	135	135	400	6	6	1800	
	M425	4250	2690	4763	5234	135	135	400	6	6	1600	
	M450	4500	2815	5013	5484	135	135	400	6	6	1500	
	M500	5000	3065	5513	5984	135	135	400	6	6	1100	
	M550	5500	3365	6013	6484	135	135	400	3	6	1000	
M600	6000	3615	6513	6984	135	135	400	3	6	600		
Full free 2-stage mast	FM250	2500	1765	3013	3484	1165	780	400	6	12	1800	
	FM300	3000	2015	3513	3984	1415	1030	400	6	12	1800	
	FM330	3300	2165	3813	4284	1565	1180	400	6	12	1800	
	FM350	3500	2265	4013	4484	1665	1280	400	6	12	1800	
	FM370	3700	2365	4213	4684	1765	1380	400	6	6	1800	
	FM400	4000	2565	4513	4984	1965	1580	400	6	6	1800	
Full free 3-stage mast	TFM435	4350	2015	4863	5334	1420	1030	400	6	6	1500	
	TFM450	4500	2065	5013	5484	1470	1080	400	6	6	1400	
	TFM480	4800	2165	5313	5784	1570	1180	400	6	6	1300	
	TFM500	5000	2265	5513	5984	1670	1280	400	6	6	1200	
	TFM540	5400	2390	5913	6384	1795	1405	400	3	6	1050	
	TFM600	6000	2615	6513	6984	2020	1630	400	3	6	550	

Technical Data

2.5T FORKLIFT											
Type	Model	Max fork height	Overall height			Freelift		Front overhang	Tilt range		Capacity
			Lowered	Extended		Without backrest	With backrest	2.5t	FWD	BWD	Load capacity at 500mm
				Without backrest	With backrest						Single tyre
				2.5t	2.5t						2.5t
			mm	mm	mm	mm	mm	mm	Deg	Deg	kg
Wide view 2-stage mast	M200	2000	1510	2575	2990	160	160	476	6	12	2500
	M250	2500	1760	3075	3490	160	160	476	6	12	2500
	M300	3000	2010	3575	3990	160	160	476	6	12	2500
	M330	3300	2160	3875	4290	160	160	476	6	12	2500
	M350	3500	2260	4075	4490	160	160	476	6	12	2500
	M370	3700	2360	4275	4690	160	160	476	6	6	2500
	M400	4000	2560	4575	4990	160	160	476	6	6	2500
	M425	4250	2685	4825	5240	160	160	476	6	6	2300
	M450	4500	2810	5075	5490	160	160	476	6	6	2100
	M500	5000	3060	5575	5990	160	160	476	6	6	1600
	M550	5500	3360	6075	6490	160	160	476	3	6	1200
	M600	6000	3610	6575	6990	160	160	476	3	6	900
Full free 2-stage mast	FM250	2500	1760	3090	3490	1170	770	490	6	12	2500
	FM300	3000	2010	3590	3990	1420	1020	490	6	12	2500
	FM330	3300	2160	3890	4290	1570	1170	490	6	12	2500
	FM350	3500	2260	4090	4490	1670	1270	490	6	6	2500
	FM370	3700	2360	4290	4690	1770	1370	490	6	6	2500
	FM400	4000	2560	4590	4990	1970	1570	490	6	6	2500
Full free 3-stage mast	TFM435	4350	2010	4867	5340	1390	1020	484	6	6	2200
	TFM450	4500	2060	5017	5490	1440	1070	484	6	6	2000
	TFM480	4800	2160	5317	5790	1540	1170	484	6	6	1700
	TFM500	5000	2260	5517	5990	1640	1270	484	6	6	1500
	TFM540	5400	2385	5917	6390	1765	1395	484	3	6	1200
	TFM600	6000	2610	6517	6990	1990	1620	484	3	6	800

3.0-3.5T FORKLIFT																		
Type	Model	Max fork height mm	Overall height						Freelift				Front overhang		Tilt range		Capacity	
			Lowered	Extended				Without backrest		With backrest		3t	3.5t	FWD	BWD	Load capacity		
				Without backrest		With backrest												Single tyre
				3t	3.5t	3t	3.5t	3t	3.5t	3t	3.5t					3t	3.5t	
			mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Deg	Deg	kg	kg
Wide view 2-stage mast	M200	2000	1575	1650	2640	2700	3100	3100	165	170	165	170	490	510	6	12	3000	3500
	M250	2500	1825	1900	3140	3200	3600	3600	165	170	165	170	490	510	6	12	3000	3500
	M300	3000	2075	2150	3640	3700	4100	4100	165	170	165	170	490	510	6	12	3000	3500
	M330	3300	2225	2300	3940	4000	4400	4400	165	170	165	170	490	510	6	12	3000	3500
	M350	3500	2325	2400	4140	4200	4600	4600	165	170	165	170	490	510	6	12	3000	3500
	M370	3700	2425	2500	4340	4400	4800	4800	165	170	165	170	490	510	6	6	3000	3500
	M400	4000	2625	2700	4640	4700	5100	5100	165	170	165	170	490	510	6	6	3000	3300
	M425	4250	2750	2825	4890	4950	5350	5350	165	170	165	170	490	510	6	6	2850	3200
	M450	4500	2875	2950	5140	5200	5600	5600	165	170	165	170	490	510	6	6	2600	2900
	M500	5000	3125	3200	5640	5700	6100	6100	165	170	165	170	490	510	6	6	2100	2400
	M550	5500	3425	3500	6140	6200	6600	6600	165	170	165	170	490	510	3	6	1700	1800
M600	6000	3675	3750	6640	6700	7100	7100	165	170	165	170	490	510	3	6	1300	1400	
Full free 2-stage mast	FM250	2500	1825	1900	3150	3180	3600	3600	1175	1220	725	800	490	520	6	12	3000	3500
	FM300	3000	2075	2150	3650	3680	4100	4100	1425	1470	975	1050	490	520	6	12	3000	3500
	FM330	3300	2225	2300	3950	3980	4400	4400	1575	1620	1125	1200	490	520	6	12	3000	3500
	FM350	3500	2325	2400	4150	4180	4600	4600	1675	1720	1225	1300	490	520	6	6	3000	3500
	FM370	3700	2425	2500	4350	4380	4800	4800	1775	1820	1325	1400	490	520	6	6	3000	3500
	FM400	4000	2625	2700	4650	4680	5100	5100	1975	2020	1525	1600	490	520	6	6	3000	3300
Full free 3-stage mast	TFM435	4350	2075	2150	4950	4990	5450	5450	1475	1510	975	1050	500	515	6	6	2800	3100
	TFM450	4500	2125	2200	5100	5140	5600	5600	1525	1560	1025	1100	500	515	6	6	2500	2800
	TFM480	4800	2225	2300	5400	5440	5900	5900	1625	1660	1125	1200	500	515	6	6	2250	2500
	TFM500	5000	2325	2400	5600	5640	6100	6100	1725	1760	1225	1300	500	515	6	6	2100	2300
	TFM540	5400	2450	2525	6000	6040	6500	6500	1850	1885	1350	1425	500	515	3	6	1650	1800
	TFM600	6000	2675	2750	6600	6640	7100	7100	2075	2110	1575	1650	500	515	3	6	1200	1300



Parts & Service

Nexen offer fast & comprehensive servicesupport delivered through an extensive and experienced worldwide dealer network.

The Relevo family of lift trucks covers new ground, with a great emphasis placed on engineering efficiency and simplicity of maintenance. Even the toughest, and most durable of machines with moving parts require regular servicing and maintenance and Nexen Lift Trucks are designed and built with this in mind.

Complete unrestricted service access across the complete machine

Significantly reduced regular service requirements

Warranty Guarantee

Every Nexen comes with a 2-year / 2000-running hours warranty against manufacturing or material defects.





The No. 1# choice Materials Handling supplied for the world's demanding market.

Nexen is committed to being much more than just a lift truck supplier.

Our aim is to offer a complete managed materials handling solution for your growing needs.

Whatever your materials handling or fleet management needs, you can count on Nexen through its network of highly trained dealers to provide expert, effective, and responsive local support.

They can also offer rapid response parts support as well as cost effective finance packages and introduce effectively managed fleet maintenance programs to ensure that you get the best possible support at the best possible value.

Corporate Headquarters:

Nexen Lift Trucks Ltd.
Riverside Road,
Lowestoft,
Suffolk
NR33 0TU
UK



Tel: +44 1502 532 211
Fax: +44 1502 508 273

Mail: info@nexenlifttrucks.com
Web: www.nexenlifttrucks.com