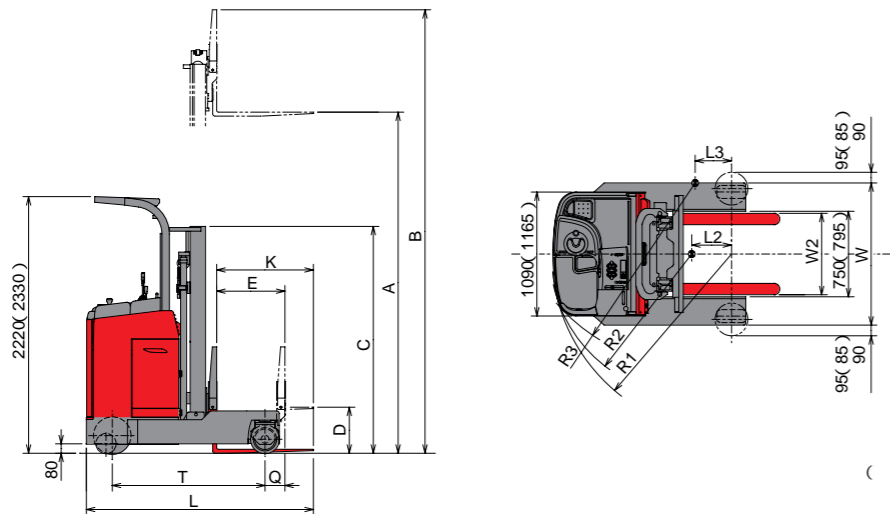


REACH TRUCK MULTI-DIRECTIONAL TYPE FBRO-75 Series

● Standard Specifications



( ): FBRO20-FBRO25  
: FBRO25



Models			FBRO10H	FBRO13H	FBRO13H	FBRO14	FBRO14	FBRO15	FBRO15	FBRO18	FBRO18	FBRO20	FBRO20	FBRO25	FBRO25				
Performance	Capacity		kg	1000	1250		1350		1500		1800		2000		2500				
	Load Center		mm	500															
	Lifting Height	A	mm	3000	3000	4000	3000	4000	3000	4000	3000	4000	3000	4000	3000	4000			
	Free Lift	D	mm	405			405			405			400						
	Lift Speed	Laden	mm/s	340	320		310		300				290		270				
		Unladen	mm/s	540			540						490						
	Travel Speed	Laden	km/h	9.5( 5.0 )			9.5( 5.0 )						10.0( 5.0 )		9.5( 5.0 )				
		Unladen	km/h	10.5( 5.0 )			10.5( 5.0 )						11.5( 5.0 )						
	Gradeability (3 min rating 1.5km/h and over)	Laden	%	10															
		Unladen	%	14.3															
Min. Turning Radius	360°Rotation	R2	mm	1150		1200	1220	1180		1190	1230	1240		1630	1270				
	Right Angle Rotation	R3	mm	1510		1550	1560	1540		1570		1620		1630	1640				
	Standard	R1	mm	1315	1460	1510	1460	1555		1735		1785	1750	1940	2000				
Guiding Center	360°Rotation	L2	mm	200	350		350	410	590			570	740	740	790				
	Right Angle Rotation	L3	mm	170	320	320	320	380	560			550	720	720	760				
Reach Stroke		E	mm	420	570		500	600	780			680	850		870				
Dimensions	Overall Length	L	mm	1920		1970	1990			2065	2115	2170		2220					
	Overall Width	W	mm	1250			1250						1365		1395				
	Overall Height	Mast Lowered	C	mm	1995		2495	1995	2495	1995	2495	1995	2495	2050	2550	2050	2550		
		Mast Extended	B	mm	3900		4900	3900	4900	3900	4900	3900	4900	3950	4950	3950	4950		
	Overhead Guard Height		mm				2220						2330						
	Fork Length	K	mm	850			850			920		920							
	Fork Spread	W2	mm	225 ~ 735			225 ~ 735						285 ~ 765						
	Wheelbase	T	mm	1095	1245		1245	1345	1525			1530	1700	1770					
	Front Overhang	Q	mm	185			185			190		180							
	Tread	Front	mm	1090			1090						1195		1200				
Rear		mm	680			680						726							
Road Clearance		mm	80																
Service Weight (w/o Battery)		kg	1750	1870	2020	1870	1920	1860	1960	1930	2070	2490	2600	2580	2710				
Tyres	Load (2pcs.)		Urethane	254 x 114			Urethane			254 x 114			Urethane		267 x 114		Urethane	267 x 135	
	Drive (1pc.)		Rubber	330 x 145			Rubber			330 x 145			Rubber		380 x 165				
	Caster (2pcs.)		Rubber	178 x 73			Rubber			178 x 73			Rubber		204 x 76				
Battery		V/Ah	48 / 201			48 / 201		48 / 280			48/320								
Motor	Travel	60min. Rating Control	kw	4.3			4.3			5.0									
			IGBT Inverter Control																
	Hydraulic	5min. Rating Control	kw	8.8			8.8			11.0									
			IGBT Inverter Control																
	Power Steering	60min. Rating Control	kw	0.3 (3pcs.)			0.3 (3pcs.)			0.3 (3pcs.)									
Charger			FET Chopper Control																
			Automatic Stationary Charger																
	Input	/V	3 / 200																
Charger	Capacity	kVA	3.8			3.8		4.7			4.7								

※ ( ): Parallel / Sideways travel

ECO-LOGISTICS since 1937

NICHYU

NIPPON YUSOKI CO., LTD.

1-1, 2-chome, Higashikotari, Nagaokakyo-shi, Kyoto 617-8585 Japan  
Phone: +81-75-956-8622 Fax: +81-75-955-0480  
URL: <http://www.nichiyunet.co.jp/>



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All specifications are subject to change without notice in the interest of continued improvement or modifications.

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Electric Reach Forklift Trucks

Platter  
MULTI-DIRECTIONAL TYPE

Models : FBRO10-25

FBRO-75 Series

# Only the Multi combines high-efficiency operation with space-saving design

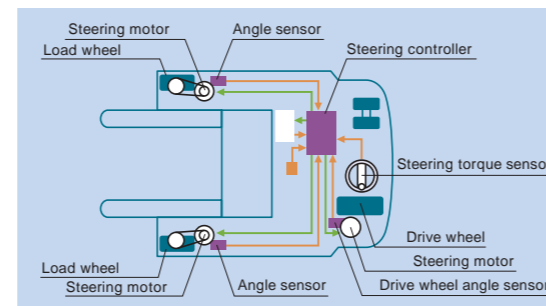
## Multi-Directional *Platter* Reach Truck



**Now easier than ever before  
Provides even beginners  
with complete freedom of operation.**

**The front two wheels are automatically controlled according to drive mode (Multi Mode 3WS)**

Multi-directional drive is provided by a steering controller incorporating a 32-bit RISC microprocessor that independently controls the rear drive wheel and front load wheels. The microprocessor maintains the left and right load wheels at the optimum angle in response to the steering angle of the drive wheel and according to the selected drive mode. What's more, the overall width is only 1,250 mm, ensuring a drive feel similar to that of a standard vehicle while allowing even beginners to operate the vehicle with ease.



**The Multi-Mode Control Box provides at-a-glance confirmation of wheel orientation and driving direction**

Multi-directional drive is provided by five driving modes, each of which can be selected at a touch. In addition, the display panel serves as a wheel indicator for the drive wheel and load wheels while also displaying the current mode and steering wheel position. This provides the operator with at-a-glance confirmation of the orientation of each wheel and the driving direction.

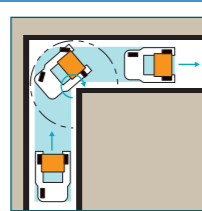


## Only the Multi provides the freedom and versatility of 360 degree change of direction

Multi-directional drive is provided through five driving modes. Each mode is instantly available at a touch.

### Right angle turn mode (Reverse phase mode)

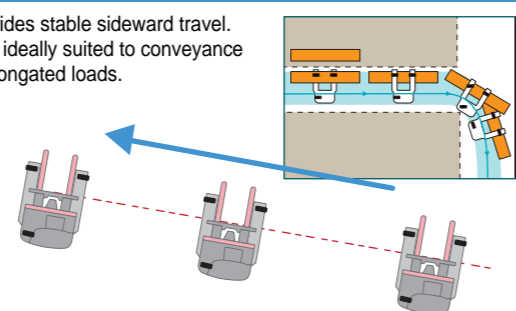
This turn is a pivot centered on the side of the fork unit. It allows easy maneuvering of tight 90 degree turns.



The side-centered pivot reduces the alley width required for 90 degree turns.

### Sideways travel mode (Dedicated sideward driving mode)

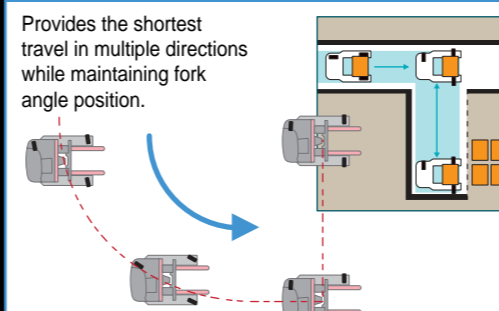
Provides stable sideward travel. Also ideally suited to conveyance of elongated loads.



Provides significant space savings for conveyance of elongated loads.

### Parallel travel mode (Same phase mode)

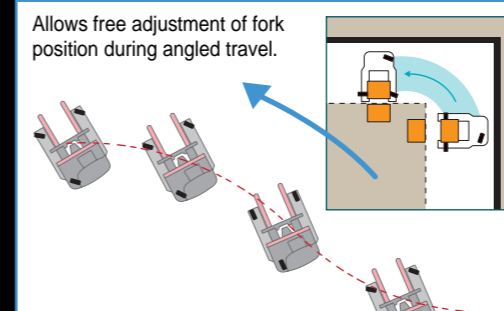
Provides the shortest travel in multiple directions while maintaining fork angle position.



Effectively utilizes dead space in branch alleys.

### Diagonal travel mode

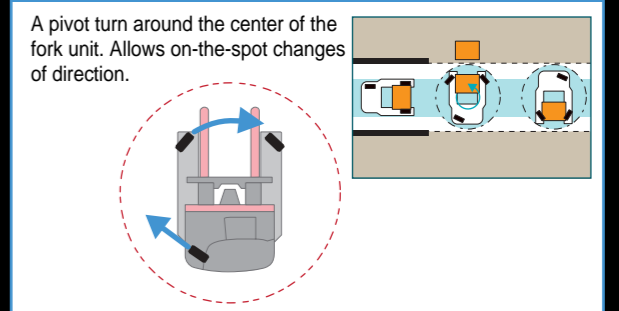
Allows free adjustment of fork position during angled travel.



Short-distance travel for loading operations requiring various changes in angle.

### 360° rotation mode

A pivot turn around the center of the fork unit. Allows on-the-spot changes of direction.



Handles cross-alley pallet shifts in the narrowest alleys without requiring a reversal.