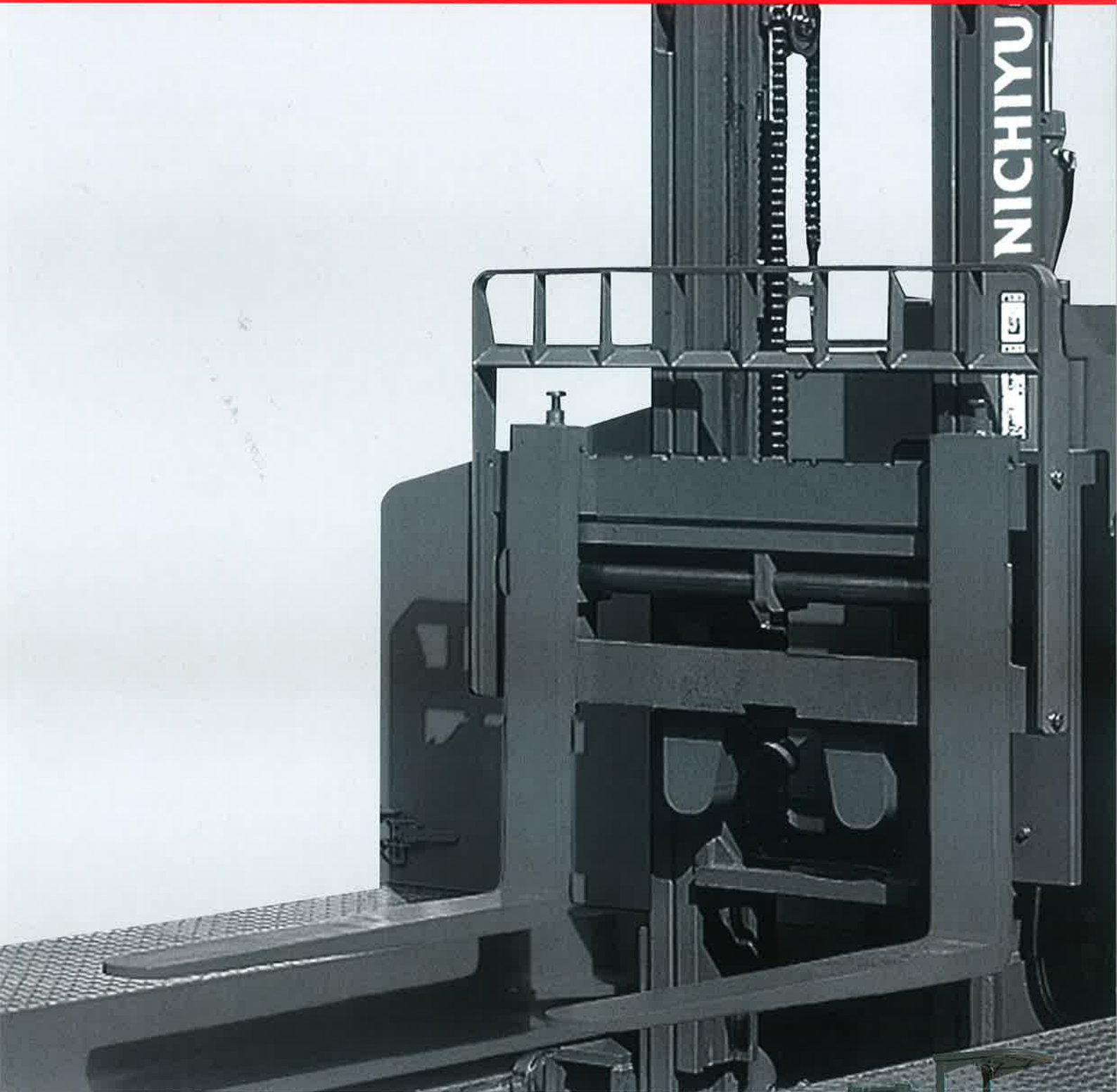


NICHIYU



**ELECTRIC LIFT TRUCK
STAND-ON REACH TRUCKS**

**Side-Fork Type
FBS10-25**



Ideal for rolled steel, timber, aluminum saw
rolled carpets and other elongated loads

Platter REACHTRUCK SIDE-FORK TYPE



※ truck with option

shes,



Advanced Performance and Control

SICOS-AC : A multifunctional centralized control system offering exceptional AC control

This system incorporates a new type of controller fully tuned for compatibility with AC systems. This controller features more powerful and advanced capabilities while integrating travel and hydraulic operations with electric power steering. What's more, the new AC motor and inverter provide smoother, more powerful forklift operation and control. It's the most efficient system you've ever experienced.



Basic performance that meets your needs

Traveling Speed



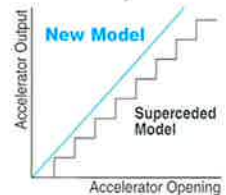
Lifting Speed



Data: FBS15 (unladen)

Dramatically Improved Inching Operation

The SICOS-AC control system enables exceptionally precise speed adjustments. It dramatically improves inching during fine acceleration, fork operation and other operations.

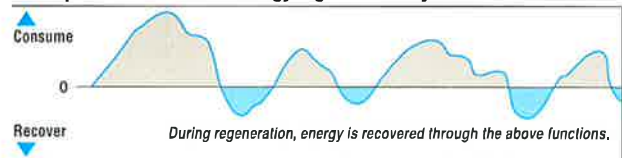


Energy-Saving Design

Includes a variety of power regeneration functions that extend operation time while limiting consumption of battery power.

- Switchback regeneration
- Braking regeneration
- Accelerator off regeneration
- Inclined travel speed controlled regeneration
- Lift tilt reach regeneration

Conceptual illustration of energy regeneration system



Advanced Safety and Comfort

Mast soft-landing cylinder & Shock-absorbing mast

To eliminate any shock as the forks are lowered, this innovative feature automatically slows the forks just before they contact the ground. Moreover, the shock-absorption feature relieves any shock resulting from friction while lifting a duplex or triplex mast.



Small-diameter steering wheel

The small diameter steering wheel reduces operator fatigue during repeated material handling operations, less steering is required for maneuverability.



Neutral Safety and Auto Power-Off Function

No truck functions are enabled if the accelerator lever or hydraulic lever is being operated when the key switch is turned on. What's more, when the truck has been idle for 15 minutes, all power to the truck is automatically turned off.



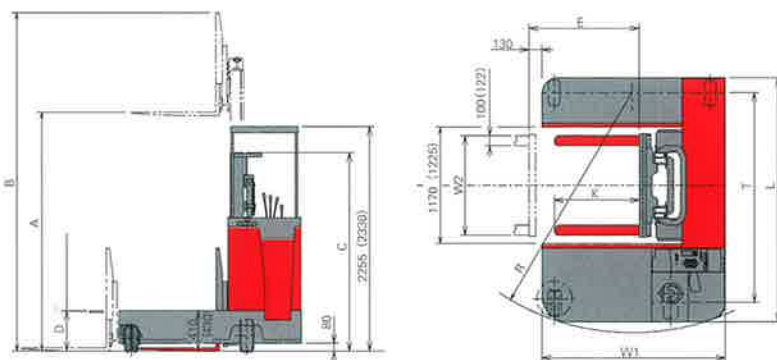
Fully Automatic Computer-Controlled Battery Charger



To begin charging, the operator need only push the start button. The system automatically determines the remaining battery power and ensures the optimum charge.

STAND-ON REACHTRUCK SIDE-FORK TYPE

Standard Specifications



[] FBS20-FBS25

Models			FBS10	FBS15	FBS20	FBS25	
Performance	Capacity	kg	1000	1500	2000	2500	
	Load Center	mm	500				
	Lifting Height	A mm	3000				
	Free Lift	D mm	405		400		
	Lift Speed	Laden	mm/s	340	310	290	270
		Unladen	mm/s	540	540	490	490
	Travel Speed	Laden	km/h	7.5		8.0	7.5
Unladen		km/h	8.5		9.0	9.0	
Min. Turning Radius	R mm	2350	2580				
Dimensions	Overall Length	L mm	2450	2690			
	Overall Width	W1 mm	1830	2000			
	Overall Height	Mast Lowered	C mm	1995			
		Mast Extended	B mm	4000			
	Overhead Guard Height	mm	2255	2330			
	Tilt Angle (Upwards/Downwards)	deg	5 / 3				
	Fork Length	K mm	850	920			
	Fork Spread	W2 mm	225~1000	285~1100			
	Outrigger Height	mm	410	430			
	Reach Stroke	E mm	1105	1185			
	Wheelbase	T mm	2110	2220			
Road Clearance	mm	80					
Service Weight (w/o Battery)	kg	2420	2415	3065	3115		
Tyres	Load (2pcs.)		Urethane φ 254×114		Urethane φ 267×135		
	Drive (1pc.)		Rubber φ 330×145		Rubber φ 380×165		
	Caster (2pcs.)		Urethane φ 254×65		Urethane φ 267×75		
Battery	STD	V/Ah	48 / 201	48 / 280	48 / 320		
	OPT	V/Ah	48 / 240	48 / 320 · 48 / 370	48 / 370		
	Battery Weight (Min. / Max)	kg	340 / 400	450 / 550	520 / 560		
Motor	Travel	60min. Rating	4.3			5.0	
		Control	Inverter Control				
	Hydraulic	5min. Rating	8.8			11.0	
		Control	Inverter Control				
	Power Steering	60min. Rating	0.3			0.45	
Control	Chopper Control						
Charger (Optional)	Automatic Stationary Charger						
Input	φ/V	3 / 200					
Capacity	kVA	3.8	4.7	4.7			

All specifications have been determined according to Nichiyu's terms and conditions.
Specifications are subject to change without notice in the interests of product improvement.

NICHIYU

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