STAND-ON REACH TRUCK SIDE-FORK TYPE

■ Standard Specifications
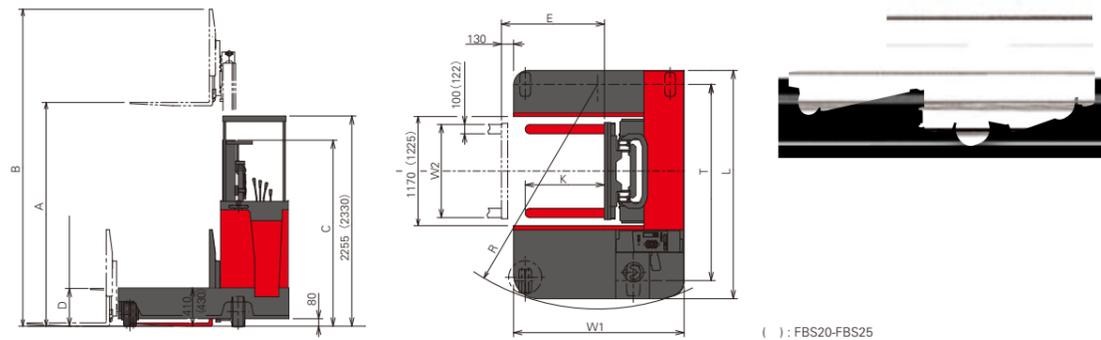

( ) : FBS20-FBS25

|	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
Dimensions	Min. Turning Radius	R	mm	2350		2580	
	Overall Length	L	mm	2450		2690	
	Overall Width	W1	mm	1830		2000	
	Overall Height	Mast Lowered	C	mm	1995		2050	
		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 φ254×114		Urethane φ267×135	
	Drive (1pc.)			Rubber φ330×145		Rubber φ380×165	
	Caster (2pcs.)			Urethane φ254×65		Urethane φ267×75	
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	kW	4.3		5.0	
		Control		Inverter Control			
	Hydraulic	5min. Rating	kW	8.8		11.0	
		Control		Inverter Control			
	Power Steering	60min. Rating	kW	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	
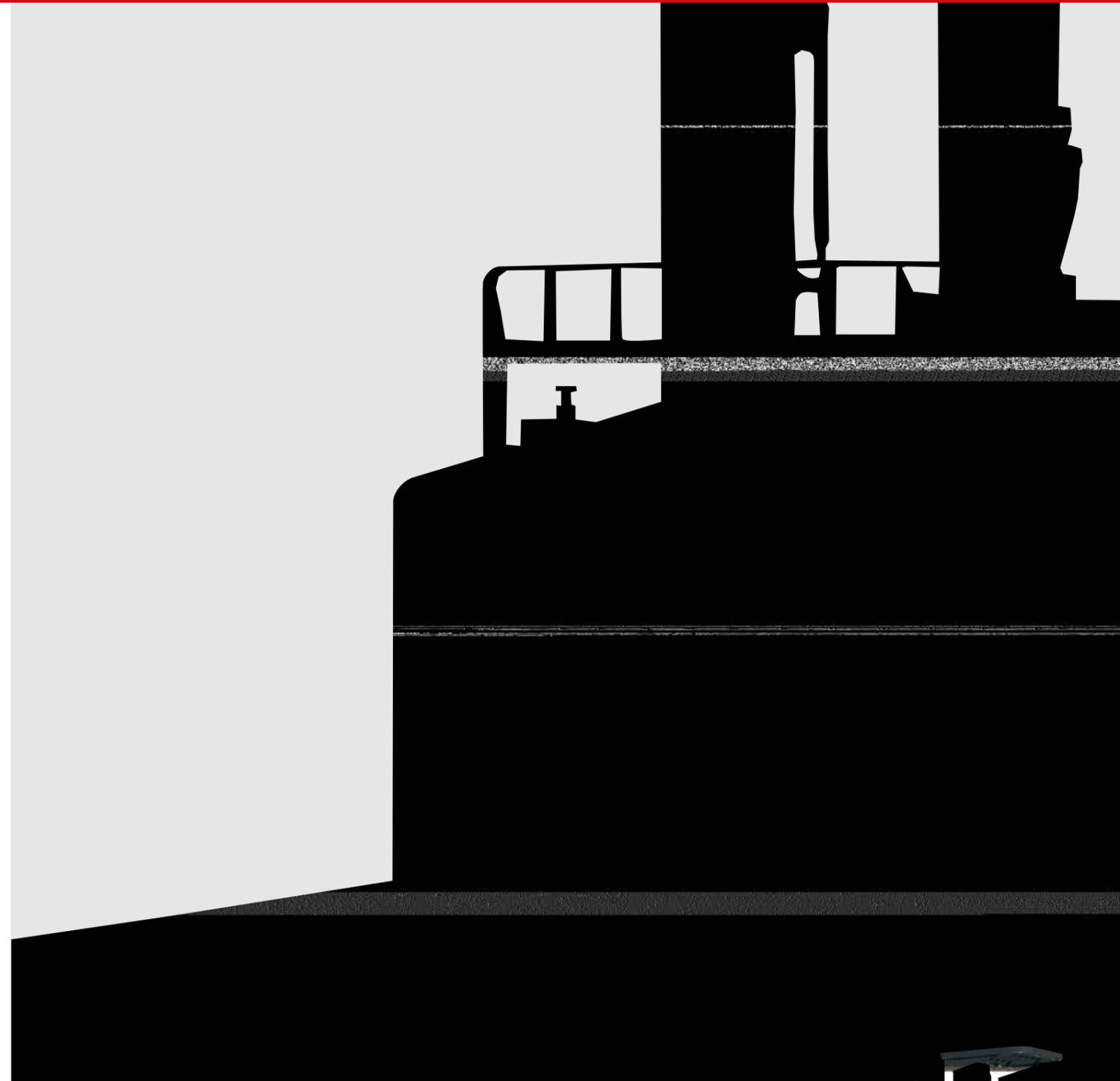
All specifications have been determined according to manufacturer's terms and conditions.
Specifications are subject to change without notice in the interests of product improvement.

NICHIYU
ELECTRIC FORKLIFT

ELECTRIC LIFT TRUCK
STAND-ON REACH TRUCKS
Side-Fork Type
FBS10-25
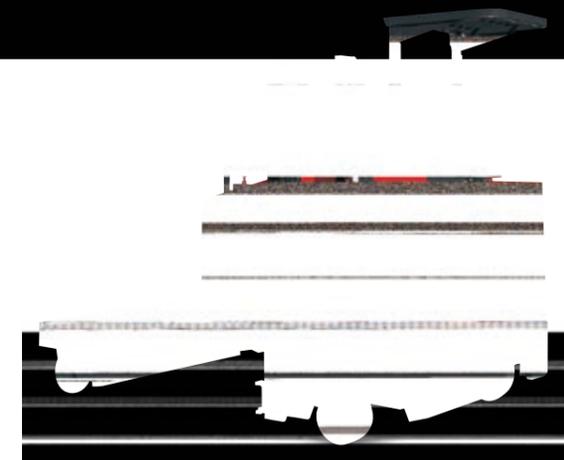
Ideal for rolled steel, timber, aluminum sashes, rolled carpets and other elongated loads

Platter REACH TRUCK SIDE-FORK TYPE
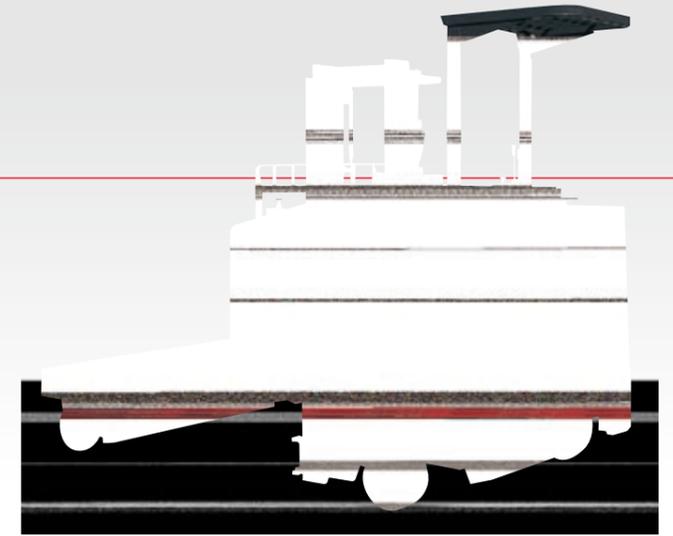
• Advanced Performance and Control

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.

SICOS AC

### Basic performance that meets your needs

Traveling Speed
8.5km/h

Lifting Speed
540mm/sec

Data : FBS15 (unladen)

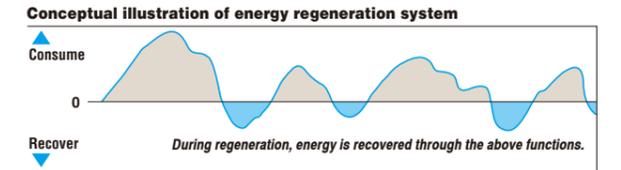### Dramatically Improved Inching Operation

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

Accelerator Output

New Model

Superceded Model

Accelerator Opening
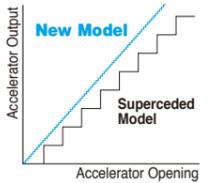
Energy-Saving Design

Includes a variety of power regeneration functions that extend operation time while limiting consumption of battery power.
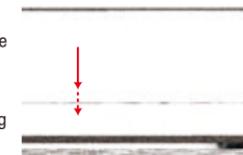
Switchback regeneration · Braking regeneration · Accelerator off regeneration · Inclined travel speed controlled regeneration · Lift tilt reach regeneration

Conceptual illustration of energy regeneration system

Consume

0

Recover

During regeneration, energy is recovered through the above functions.
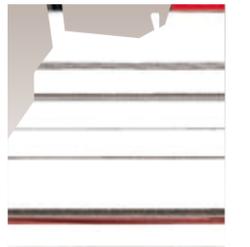
• Advanced Safety and Comfort

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.

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.

15min.
POWER OFF

Small-diameter steering wheel

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

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.

※truck with option