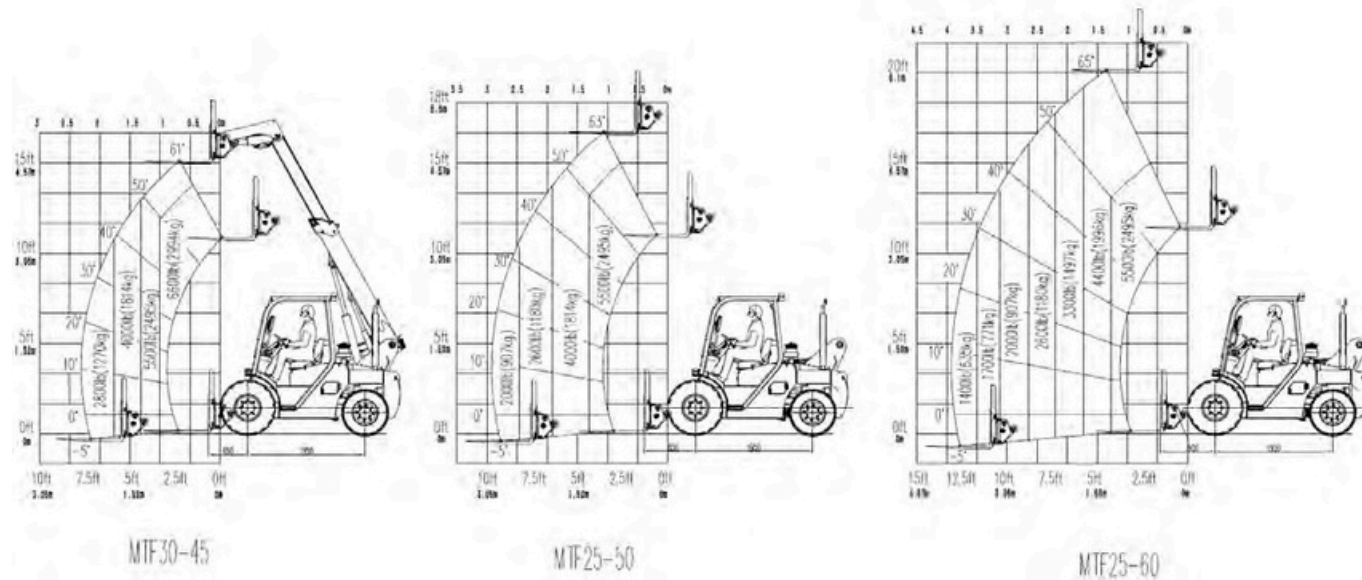
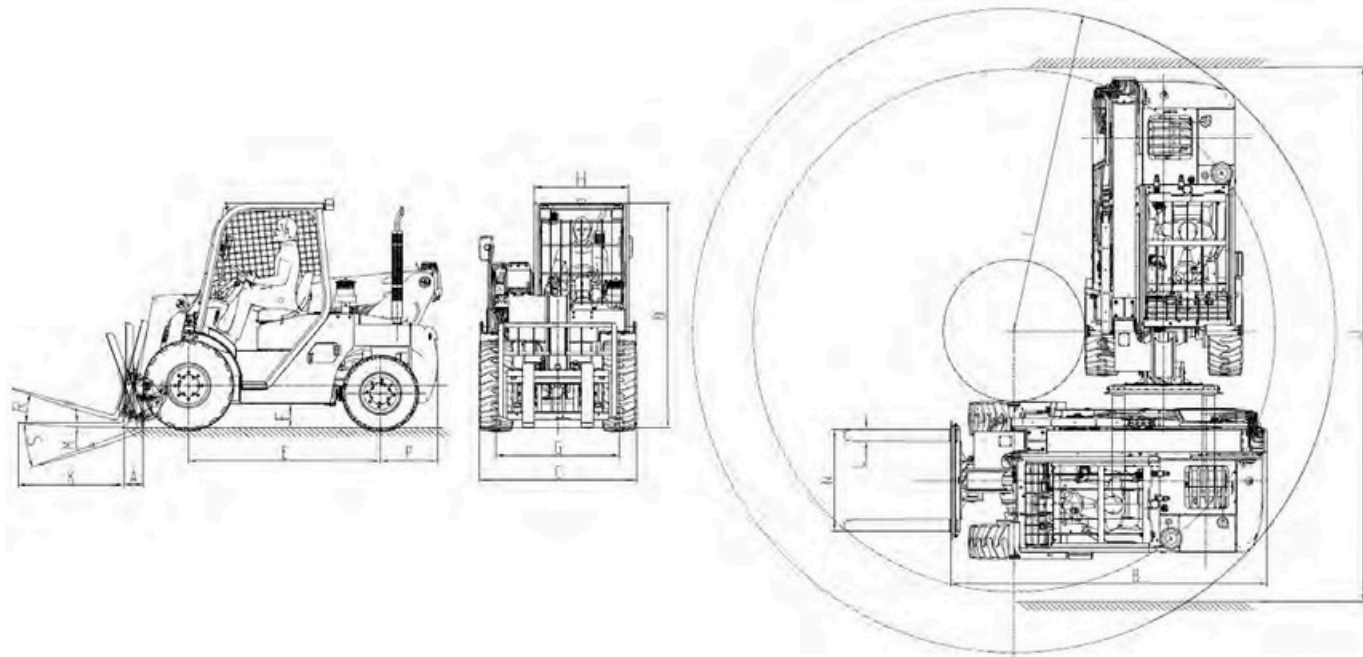


Tymbia

Handling & Warehouse Equipment

Multi-functional Tele-truck

Change the way



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INTRODUCTION

Tymbia is a distinguished forklift manufacturer specializing in Nichi and conventional forklifts, prioritizing rough terrain forklifts, directional side loaders, telehandlers, ICE forklifts, and Li-ION forklifts. With over 25 years in the material handling equipment industry, Tymbia excels in engineering design, marketing, after-service, OEM solutions, and industry resource integration. The company consistently delivers innovative solutions tailored to diverse industrial needs.

Tymbia's Aspiration

Tymbia aims to lead innovation within the forklift industry by solidifying its position as a premier NICH product manufacturer. The company is committed to continuous investment in product R&D to ensure high cost-effectiveness and superior performance in conventional forklifts. Beyond providing exceptional products and services, Tymbia strives to offer comprehensive logistics solutions, thereby adding significant value to all its partners. Their drive for innovation is directly influenced by market dynamics and the evolving needs of industries worldwide.



FEATURES



CONCEPT DESCRIPTION

Tymbia RT telehandlers are robust material handling machines boasting 4-wheel drive, purpose-built for rugged off-road operations. With their impressive load charts, In addition to covering the typical material handling scope of regular forklifts, it also includes diverse construction tasks like masonry, structural work, framing, cladding, roofing, renovations, tunneling, and more.

Adaptability to Challenging Terrain

This forklift is engineered to navigate diverse terrains including muddy, uneven surfaces, steep slopes, and assorted landscape challenges, ensuring stability and reliability in various environments.

Flexible Telescopic Arm Design

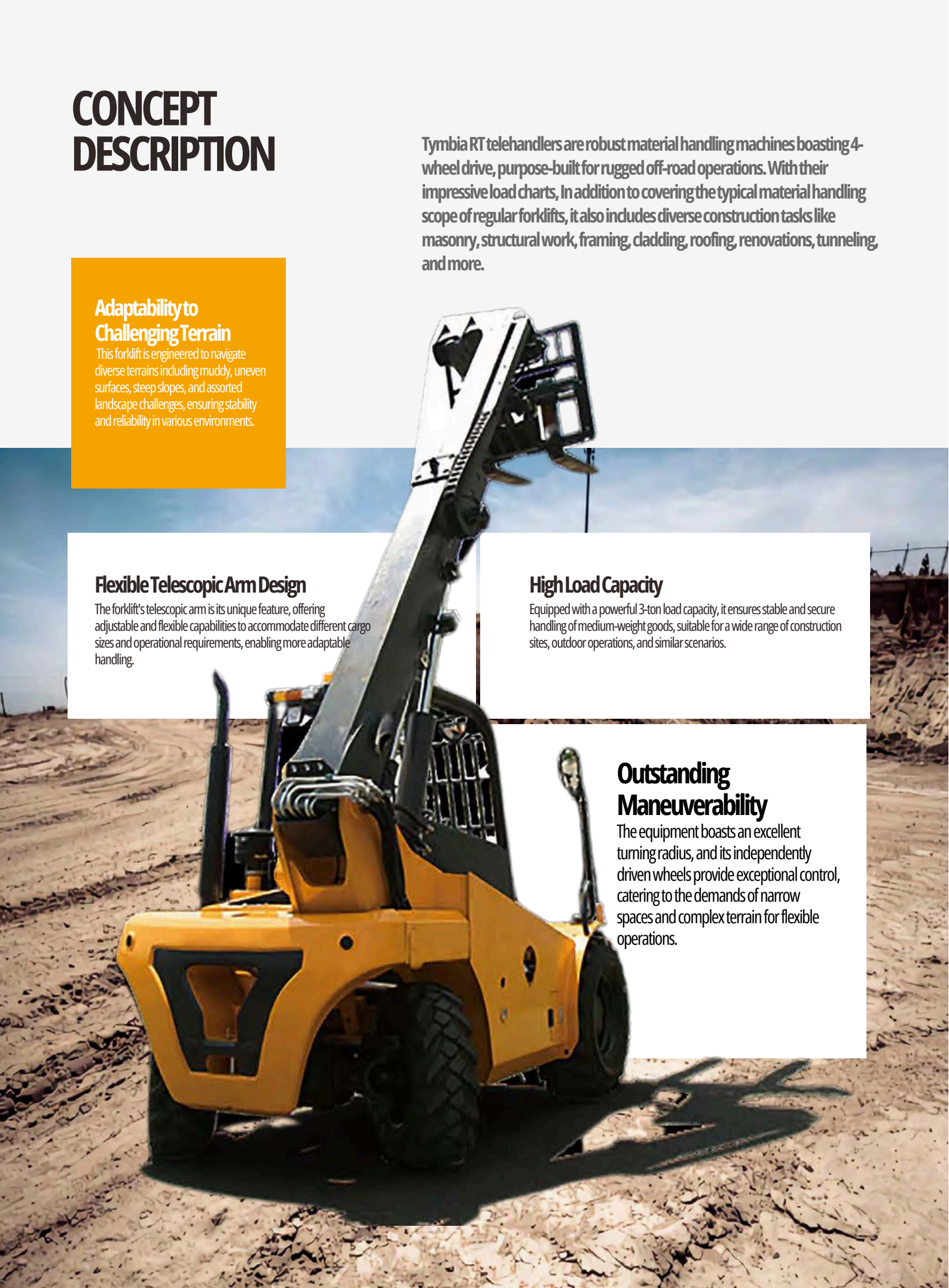
The forklift's telescopic arm is its unique feature, offering adjustable and flexible capabilities to accommodate different cargo sizes and operational requirements, enabling more adaptable handling.

High Load Capacity

Equipped with a powerful 3-ton load capacity, it ensures stable and secure handling of medium-weight goods, suitable for a wide range of construction sites, outdoor operations, and similar scenarios.

Outstanding Maneuverability

The equipment boasts an excellent turning radius, and its independently driven wheels provide exceptional control, catering to the demands of narrow spaces and complex terrain for flexible operations.



Extended Steering Column and User-friendly Interface

The forklift is equipped with an extended steering column, providing the operator with a comfortable and ergonomic interface. This design optimizes the operational space, allowing for smoother and more efficient handling.

Fully Enclosed Front Tilt Cab Option

The availability of a fully enclosed front tilt cab provides added protection and comfort to the operator, particularly in adverse weather conditions or hazardous environments.

Enhanced Visibility

Dual rear and wide-angle view mirrors significantly improve the operator's visibility, ensuring a comprehensive view of the surroundings. This feature enhances safety and operational efficiency, particularly in crowded or complex working environments.

Isolated Overhead Guard

The forklift is fitted with an isolated overhead guard to minimize vibrations, ensuring a smoother and more comfortable experience for the operator during prolonged operation.

CONCEPT DESCRIPTION

Safety and Reliability

With a robust support system and anti-slip features, it ensures stability during handling operations, reducing the risk of accidents and ensuring operational safety.

Versatile Applications

Suitable for diverse outdoor operations, construction sites, agricultural environments, and more, it can handle a wide array of lifting, stacking, and loading tasks, providing comprehensive handling solutions.

Efficiency

Offering efficient telescopic and lifting speeds, it can swiftly and effectively complete various lifting and stacking tasks with high precision.



Employing an Tymbia telehandler empowers you to precisely load, unload, transport, and manipulate various payloads with ease and accuracy. This equipment enables swift and efficient operations, enhancing productivity while ensuring impeccable safety standards throughout your tasks.



Operator Comfort Features

It comes with a suspension seat, offering enhanced comfort during operation, and a self-locking handbrake for added safety and convenience.

Self-leveling System

The forklift boasts an excellent self-leveling system that maintains precise carriage and fork tilt angles within $\pm 0.5^\circ$. This ensures the safe handling and lifting of goods, reducing the risk of accidents.

Boom Design for Easy Maintenance

The forklift is engineered with an external towline pipe system in the boom, facilitating easier access for maintenance and minimizing downtime.

OPS (Operator Presence System)

This standard feature ensures that the forklift functions only when the operator is present in the designated operating position, enhancing safety protocols.



Engine Hood and Tilt Cab Accessibility

The large opening angle of the engine hood and the tilt cab design greatly simplify maintenance procedures, providing easier access to internal components for routine inspections and repairs.

Anti-rollover Protection System

An advanced anti-rollover protection system significantly enhances operational safety, especially during challenging lifting and maneuvering tasks.



Cylinder with Balance Valve

Equipping cylinders with balance valves ensures that goods on forks remain secure, even in the unlikely event of a hydraulic hose burst, preventing accidents and ensuring operator safety.

Proportional Solenoid Valves

These valves offer high accuracy and safety during operation, providing precise control over movements and lifting actions.

Tele-truck Parameters and Design Charateristics

Characteristics												
Manufacturer												
Model			MTF30-45 4WD	MTF25-50 4WD	MTF25-60 4WD	MAT15-45 4WD	MAT15-60 4WD	MTF30-45 2WD	MTF25-50 2WD	MTF25-60 2WD	MAT15-45 2WD	MAT15-60 2WD
Max.Load Capacity		kg	3000	2500	2500	1500	1500	3000	2500	2500	1500	1500
Lift Capacity at Maximum Reach		kg	1200	900	600	900	500	1200	900	600	900	500
Max. Forward Reach		m	2.3	2.9	3.9	2.3	3.9	2.3	2.9	3.9	2.3	3.9
Max. Lift Height		mm	4500	5000	6000	4500	6000	4500	5000	6000	4500	6000
Load Center		mm	500	500	500	500	500	500	500	500	500	500
Front wheel outer diameter		mm	920	920	920	820	820	920	920	920	820	820
Gradeability (Laden)		%	38	38	38	38	38	16	16	16	20	20
Max. traction		KN	36	36	36	36	36	36	36	36	36	36
No. of Boom Sections		n	2	2	3	2	2	2	2	3	2	2
Max. Travel Speed		km/h	18	18	18	18	18	18	18	18	18	18
Attachments of FT			Fork/bucket	Fork/bucket	Fork/bucket	Fork/bucket	Fork/bucket	Fork/bucket	Fork/bucket	Fork/bucket	Fork/bucket	Fork/bucket
Bucket capacity		m3	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Bucket discharge height		mm	3000	3500	4100	3000	4100	3000	3500	4100	3000	4100
Front Tire Reach	A	mm	200	400	400	400	600	200	400	400	400	600
Overall Weight		kg	5400	5500	5600	4200	4500	5300	5400	5500	4200	4500
Dimensions												
Overall Length(without fork)	B	mm	3300	3500	3550	3300	3550	3300	3500	3300	3300	3550
Overall Width	C	mm	1600	1600	1600	1460	1460	1600	1600	1600	1460	1460
Overall Height	D	mm	2280	2280	2280	2230	2230	2280	2280	2280	2230	2230
Wheelbase	E	mm	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950
Ground Clearance	F	mm	245	245	245	200	200	245	245	245	200	200
Front Track	G	mm	1250	1250	1250	1125	1125	1250	1250	1250	1125	1125
Cab Width	H	mm	960	960	960	960	960	960	960	960	960	960
Outside Turning Radius	I	mm	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250
Outtrigger Width (Retracted)	J	mm	5500	5700	5800	5500	5800	5500	5700	5800	5500	5800
Fork Size	K*L*M	mm	1070x122x45	1070x122x40	1070x122x40	1070x100x35	1070x100x35	1070x122x45	1070x122x40	1070x122x40	1070x100x35	1070x100x35
Max Fork Width	N	mm	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036
Rear Overhang	P	mm	600	600	600	600	600	600	600	600	600	600
Performance												
Boom pitch angle		deg	61/-5	63/-5	65/-5	61/-5	65/-5	61/-5	63/-5	65/-5	61/-5	65/-5
Fork pitch angle	R/S	deg	12/74	30/100	30/100	30/100	30/100	12/74	30/100	30/100	30/100	30/100
Boom lift speed		s	8	8	9	8	9	8	8	9	8	9
Boom down speed		s	6	6	6	6	6	6	6	6	6	6
Boom extension speed		s	7	8	7	7	7	7	8	7	7	7
Boom retraction speed		s	5	6	5	5	5	5	6	5	5	5
Fork tilt speed		s	4	5	5	5	5	4	5	5	5	5
Fork retraction speed		s	2.5	3.3	3.3	3.3	3.3	2.5	3.3	3.3	3.3	3.3
Indoor noise		dB	95	95	95	95	95	95	95	95	95	95
outdoor noise		dB	102	102	102	102	102	102	102	102	102	102
Lifting speed (Laden/ Unladed)		mm/s	450	450	450	450	450	450	450	450	450	450
Lowering speed (Laden/ Unladed)		mm/s	540	540	540	540	540	540	540	540	540	540



fixed platform



fork



4-IN-1 BUCKET



loading bucket

A3

Type

YANMAR

Model:4TNE 98

Rated Output:43/2300kw/r.p.m

Rated Torque:(186-206)/1700 N.m/r.p.m

No. of cylinder:4

Bore*Stroke:98mm×110mm

Displacement:3.319L

Range:2.5T/3T/3.5T Diesel



straight crane jib

E3

Type

IS

Model:L4CRV-T6 EUV

Rated Output:42/2300kw/r.p.m

Rated Torque:208/1600 N.m/r.p.m

No. of cylinder:4

Bore*Stroke:88mm×103mm

Displacement:2505 cc

Range:2.5T/3T/3.5T Diesel(EUV)

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