

Key Features

- ▶ Clear & Modern Design Appearance
- ▶ High Ground Clearance
- ▶ Wide View & Durable Mast
- ▶ Less Vibration & Greater Comfort Floating System



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Royal 4WD Rough Terrain Forklift


2.5-3.5ton

Royal Rough Terrain Forklift Introduction

PRODUCTIVITY & PERFORMANCE

Engine

Royal 2.5T & 3.5T 4WD rough terrain forklifts adopt Yanmar 4TNE98 engine, produces its peak power (42.1KW) and torque (206N.m) at engine speeds as low as 1700rpm for great responsiveness. Timed glow plug could start in cold climates allows faster warm up and fuel savings.



YANMAR

Type:WE3
 Model:4TNE98(EuIII/EPaIII)
 Rated output:42.1kw/2300rpm
 Rated torque:186-206N·m/1700rpm
 No.of cylinder:4
 Bore×Stroke:98×110mm
 Displacement:3.318L

Hydrostatic system

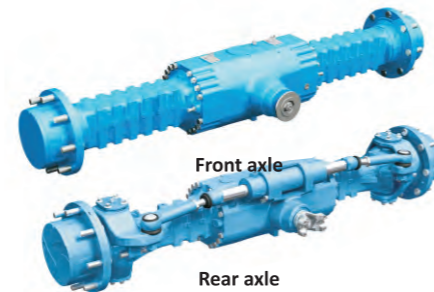
Royal 2.5T & 3.5T 4WD rough terrain forklift adopts Sauer Danfoss hydrostatic system and wet brake.



Axle

DANA transaxle, steering axle .
 It is integrated transmission and axle.

Type	Front axle	112
	Rear axle	211
	Transfer case	311
Stage	F/R	1/1



Tilting overhead guard

Equipped as standard with a tilting overhead guard, to ensure easy access to major components for inspection and service.



Specification

Rough terrain diesel forklift							
General		Model		T25Y-4WD	T35Y-4WD		
1	Model			T25Y-4WD	T35Y-4WD		
2	Power type			Diesel			
3	Rated capacity	Kg		2500	3500		
4	Load centre	mm		500	500		
5	Lift height	mm		3000	3000		
6	Free lift height	mm		160	165		
Characteristic&Dimension	7	Fork size	L×W×T	1070×125×40	1220×125×45		
	8	Fork regulating range	Min./Max.	250-1560	250-1560		
	9	Mast tilt angle	F/R	10/12	10/12		
	10	Front overhang	mm	680	700		
	11	Rear overhang	mm	590	597		
	12	Min. ground clearance	mm	394.5	390		
	13	Overall dimensions	Length to face of fork (without fork)	mm	3182	3197	
	14		Overall width	mm	1980	1980	
	15		Mast lowered height	mm	2454	2450	
	16		Mast extended height (with backrest)	mm	4270	4400	
17	Overhead guard height	mm	2250	2250			
18	Min. turning radius	mm	4275	4275			
Performance	19	Speed	Travel(Unladen)	Km/h	20	20	
			Lifting(Laden)	mm/s	540	450	
			Lowering(Laden)	mm/s	630	540	
	22	Max. Drawbar pull(Laden/unladen)	KN	34.3	34.3		
23	Max. Gradeability(Loaden)		38	38			
Tyre	24	Tyre	Front	%	405/70-20-14PR	405/70-20TL	
			Rear		10.0/75-15.3-14PR	10.0/75-15.3	
Weight	25	Wheelbase	mm	1950	1950		
	26	Self weight	kg	4900	5750		
	28	Weight Distribution	Laden	Front Axle	kg	6290	7990
				Rear Axle	kg	1110	1260
			Unladen	Front Axle	kg	2265	2450
Rear Axle				kg	2635	3300	
Power & Transmission	31	Battery	Voltage/Capacity		12/90	12/90	
	32	Static system pressure	Mpa	40	40		
	33	Operating pressure(For attachments)	Mpa	20	20		
	34	Min. right angle stacking aisle width	mm	2980	3000		

