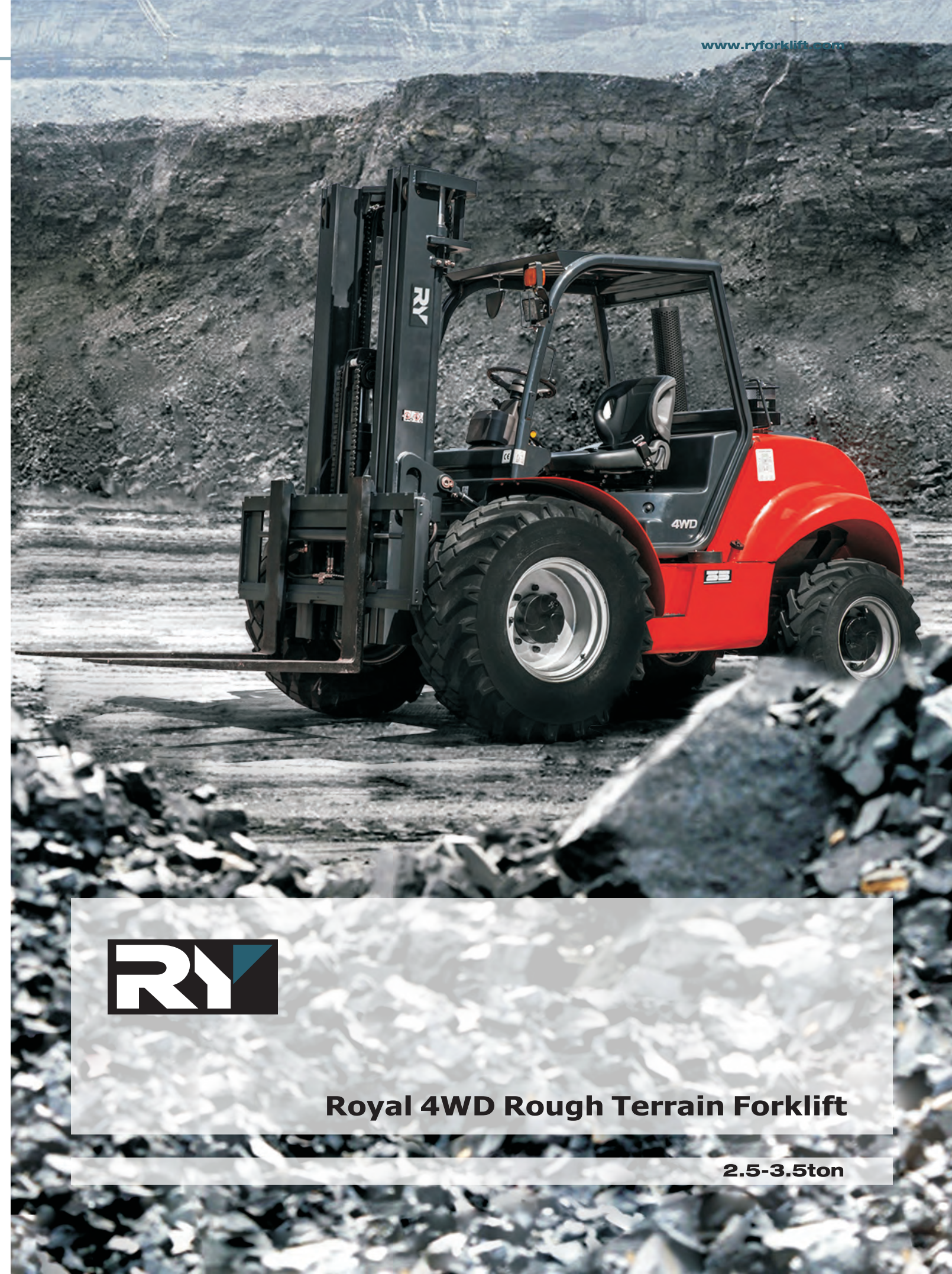


Key Features

- ▶ 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

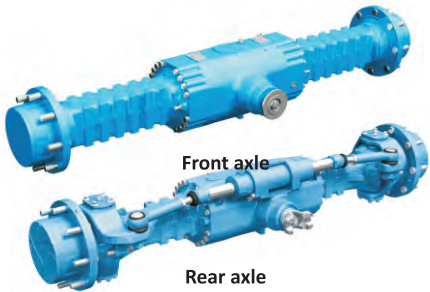
Royal 2.5T & 3.5T 4WD rough terrain forklift adopts Sauer Danfoss hydrostatic system and wet brake.



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	1	Model			T25Y-4WD	T35Y-4WD	
	2	Power type			Diesel		
	3	Rated capacity		Kg	2500	3500	
	4	Load centre		mm	500	500	
Characteristic&Dimension	5	Lift height		mm	3000	3000	
	6	Free lift height		mm	160	165	
	7	Fork size	L×W×T		mm	1070×125×40	1220×125×45
	8	Fork regulating range	Min./Max.		mm	250-1560	250-1560
	9	Mast tilt angle	F/R		Deg	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
	20		Lifting(Laden)		mm/s	540	450
	21		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		
	25	Wheelbase		mm	1950	1950	
Weight	26	Self weight		kg	4900	5750	
	27	Weight Distribution	Laden	Front Axle	kg	6290	7990
	28			Rear Axle	kg	1110	1260
	29		Unladen	Front Axle	kg	2265	2450
	30			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	

