

Main Technical Parameters of YZ20R Single-drum Vibratory Roller

Item	Technical parameter	Unit
Working temperature	-10 ~ 45	℃
Working mass	20000	kg
Allocated mass, vibrating drum	12600	kg
Linear load, vibrating drum	574	N/cm
Diameter X width, vibrating drum	Φ1600 × 2150	mm
Vibrating frequency	29 / 35	Hz
Centrifugal force	400 / 280	kN
Nominal amplitude	2 / 0.9	mm
Traveling speed	0 ~ 5 / 0 ~ 10	km/h
Engine		
Model	BF6M1013EC	
Emission standard	Euro II	
Type	Water cooling	
Rated speed	2300	r/min
Diesel consumption	201	g/kW.h
Theoretical gradability	42	%
Theoretical turning radius (outside)	6400	mm
Min. ground clearance	407	mm
Steering angle	± 35	°
Tilting between frame parts	± 10	°
L x W x H	6200*2400*3220	mm
Diesel tank capacity	410	L
Hydraulic oil tank capacity	117	L

YZ20RAII Hydraulic Vibratory Roller Assembly Configuration

Name	Model	Number	Brand
Engine	BF6M1013EC	1	Deutz
Traveling system		1	Sauer
Vibrating system		1	Sauer
Steering system		1	Jining Eton
Rim		2	Domestic famous brand
Wheel	20.5-25	2	Domestic famous brand
Bearing, vibratory	NJ324	4	FAG
Skeleton oil seals	BAUSLX2 240×270×15	1	Freudenberg-Simrit
A/C		1	Domestic famous brand