SANY®

SANY ROLLERS

SANY®

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Contents

SANY ROAD MACHINERY

SANY Heavy Industry Co., Ltd. is one of the largest complete equipment suppliers of road machinery. The products cover pavers, rollers, asphalt batching plants, graders, and milling machines etc.

Taking “Quality changes the world” as the mission and “Creating the greatest values for customers” as the duty, Hunan SANY Road Machinery Co., Ltd., has set up SANY (USA) Road Machinery Institute and SANY (Germany) Road Machinery Institute and integrated the most cutting-edge technologies into its products, of which: heavy graders designed by the United States and double drum vibratory rollers designed by Germany are high-quality products of internationally top level; the pavers and asphalt batching plants, having been best sellers in China for 5 consecutive years, are No.1 brand in China and sold well in over 60 countries across the world.

Faced with the construction of expressways, roads in airports and urban high-class roads and with the global market, we provide road construction complete equipment and series of solutions. We have created an unmatched service system to eliminate the customers’ worries. In the service satisfaction surveys performed by China Association for Quality, SANY has ranked No.1 for 3 consecutive years and won high trust from the customers. Keeping “Construct roads in China, Connect with the world freely” in mind, SANY Road Machinery Co., Ltd. will spare no effort in serving the global economic development and road construction.

SANY SSR SERIES SINGLE DRUM ROLLER

EXTENDED LIFE TIME

- The use of water wheel type lubrication on the vibratory bearing extends the bearing life up to 5,000 hours.
- The engine air filter is raised and the air is filtered twice to protect the engine.
- The hydraulic system contains three stage filtration.

HIGH EFFICIENCY

- 10% greater excitation force than other products in the same category resulting in 16.7% greater production.

OPERATOR COMFORT

- Cab mounted on vibration damping mounts
- Cab temperature control
- Operator control forces have been reduced

SAFETY FEATURES

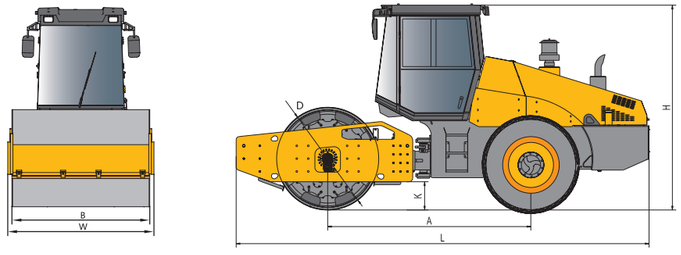
- Rounded bumpers front and rear
- Large rear glass and sloped hood for greater visibility

TECHNICAL SPECIFICATIONS

SSR Series Single Drum Roller Technical Specifications

	Sales Model	SSR100C-10	SSR100C-10	SSR100AC-8	SSR120AC-8	SSR120C-10	SSR120C-10	SSR120C-8
Weight and Load	Operating Weight(kg)	10000	10000	10000	12000	12000	12000	12000
	Weight at Drum(kg)	5700	5700	5000	6000	7000	7000	7000
	Weight at Rear axle(kg)	4300	4300	5000	6000	5000	5000	5000
	Drum Static Linear Load(N/cm)	268	329	268	282	329	329	329
Compaction	Vibration Frequency (Hz)	30/30	30/30	30/30	32/36	32/36	32/36	32/36
	Nominal Amplitude(mm)	2.0/1.0	2.0/1.0	2.0/1.0	1.8/0.9	1.8/0.9	1.8/0.9	1.8/0.9
	Excitation Force(kN)	246/124	246/124	246/124	280/178	280/178	280/178	280/178
	Drum Diameter(mm)	1500	1500	1500	1500	1500	1500	1500
	Drum Width(mm)	2130	2130	2130	2130	2130	2130	2130
	Drum Edge Thickness(mm)	25	25	25	25	25	25	25
Maneuver Ability	Working Speed(km/h)	0~6.0	0~6.0	0~5.5	0~5.5	0~6.0	0~6.0	0~6.2
		0~7.5	0~7.5			0~7.5	0~7.5	0~7.3
	Travel Speed(km/h)	0~8.5	0~8.5	0~9	0~9	0~8.5	0~8.5	0~8.2
		0~12.5	0~12.5			0~12.5	0~12.5	0~10.1
	Theoretical Gradeability Vibratory	50%	50%	40%	40%	50%	50%	51%
	Theoretical Gradeability Non-Vibratory	53%	53%	/	/	53%	53%	55%
	Ground Clearance(mm)	480	480	480	480	480	480	480
	Wheelbase(mm)	2868	2868	2868	2868	2868	2868	2950
	Steering Angle(°)	±35	±35	±35	±35	±35	±35	±35
	Swing Angle(°)	±12	±12	±12	±12	±12	±12	±12
	Min. Turning Outside Diameter(mm)	11600	11600	11600	11600	11600	11600	11600
	Tires	23.1-26-8PR	23.1-26-8PR	20.5-25-16PR	20.5-25-16PR	23.1-26-8PR	23.1-26-8PR	23.1-26-8PR
Engine	Brand	DONGFENG CUMMINS	CUMMINS	DONGFENG CUMMINS	DONGFENG CUMMINS	DONGFENG CUMMINS	CUMMINS	CUMMINS
	Model	4BTAA3.9-C125	QSB3.9-C125	4BTAA3.9-C125	4BTAA3.9-C125	4BTAA3.9-C125	QSB3.9-C125	QSB4.5
	Emission	/	NR3	/	/	/	NR3	T4f
	Rated Power(kW)	93	93 kW	93	93	93	93	119
Capacity	Battery(V×Ah)	24×120	24×120	24×120	24×120	24×120	24×120	24×120
	Fuel Tank(L)	250	250	250	250	250	250	200
	Hydraulic Oil Tank(L)	70	100	70	70	70	100	120

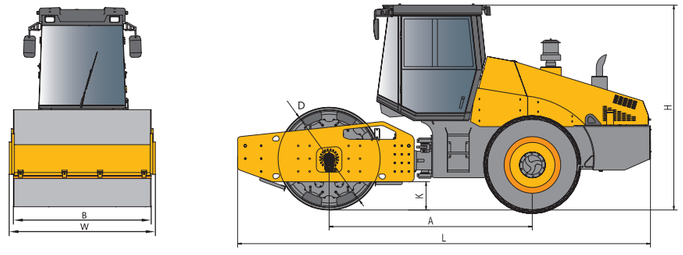
Size Code	SSR100C-10	SSR100C-10	SSR100AC-8	SSR120AC-8	SSR120C-10	SSR120C-10	SSR120C-8
A(mm)	2868	2868	2868	2868	2868	2868	2950
W(mm)	2285	2285	2285	2285	2285	2285	2240
L(mm)	5775	5775	5775	5775	5775	5775	5750
D(mm)	1500	1500	1500	1500	1500	1500	1500
H(mm)	3225	3225	3225	3225	3225	3225	3190
B(mm)	2130	2130	2130	2130	2130	2130	2130
K(mm)	480	480	480	480	480	480	480



SSR Series Single Drum Roller Technical Specifications

	Sales Model	SSR150C-8	SSR180C-8	SSR180C-8H	SSR200C-8H	SSR200AC-8H
Weight and Load	Operating Weight(kg)	15000	18000	18000	20000	20000
	Weight at Drum(kg)	9600	12400	12400	13600	10000
	Weight at Rear axle(kg)	5400	5600	5600	6400	10000
	Drum Static Linear Load(N/cm)	442	582	582	638	470
Compaction	Vibration Frequency (Hz)	32/36	29/35	29/35	29/35	29/35
	Nominal Amplitude(mm)	1.8/0.9	2.0/1.0	2.0/1.0	2.0/1.0	1.9/0.95
	Excitation Force(kN)	300/210	380/275	380/275	380/275	368/258
	Drum Diameter(mm)	1500	1600	1600	1600	1600
	Drum Width(mm)	2130	2130	2130	2130	2130
	Drum Edge Thickness(mm)	25	40	40	40	40
Maneuver Ability	Working Speed(km/h)	0~4	0~4	0~3.5	0~3.5	0~5
		0~5	0~5.5	0~4.5	0~4.5	
	Travel Speed(km/h)	0~5.8	0~6	0~5.5	0~5.5	0~8
		0~8.2	0~8	0~7.5	0~7.5	
	Theoretical Gradeability Vibratory	45%	45%	45%	45%	30%
	Theoretical Gradeability Non-Vibratory	/	/	/	/	/
	Ground Clearance(mm)	410	410	410	410	440
	Wheelbase(mm)	3143	3182	3185	3185	3185
	Steering Angle(°)	±35	±35	±35	±35	±35
	Swing Angle(°)	±12	±12	±12	±12	±12
	Min. Turning Outside Diameter(mm)	12010	12350	12350	12350	12350
	Tires	23.1-26	23.1-26	23.1-26-8	23.1-26-8	20.5-25-16PR
Engine	Brand	CUMMINS	CUMMINS	WEICHAI	WEICHAI	WEICHAI
	Model	QSB4.5	QSB5.9	WP6G200E331	WP6G200E331	WP6G200E331
	Emission	/	/	CHINA Ⅲ	CHINA Ⅲ	CHINA Ⅲ
	Rated Power(kW)	119	133	147	147	147
Capacity	Battery(V×Ah)	24×120	24×120	24×120	24×120	24×120
	Fuel Tank(L)	200	300	300	300	300
	Hydraulic Oil Tank(L)	120	150	150	150	100

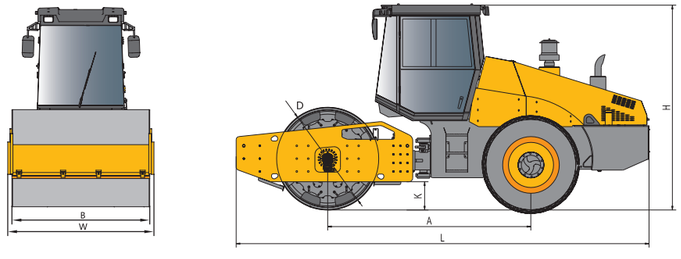
Size Code	SSR150C-8	SSR180C-8	SSR180C-8H	SSR200C-8H	SSR200AC-8H
A(mm)	3143	3182	3182	3182	3185
W(mm)	2318	2318	2318	2318	2270
L(mm)	6173	6497	6497	6497	6620
D(mm)	1500	1600	1600	1600	1600
H(mm)	3227	3300	3330	3330	3330
B(mm)	2130	2130	2130	2130	2130
K(mm)	410	410	410	410	440



SSR Series Single Drum Roller Technical Specifications

Sales Model		SSR220C-8H	SSR220AC-8H	SSR260AC-8H	SSR260C-8
Weight and Load	Operating Weight(kg)	22000	22000	26000	26000
	Weight at Drum(kg)	14600	11000	13000	17000
	Weight at Rear axle(kg)	7400	11000	13000	9000
	Drum Static Linear Load(N/cm)	678	516	610	788
Compaction	Vibration Frequency (Hz)	29/35	29/35	27/32	28/32
	Nominal Amplitude(mm)	2.0/1.0	1.9/0.95	2.1/1.1	2.05/1.03
	Excitation Force(kN)	410/300	390/258	416/295	420/310
	Drum Diameter(mm)	1600	1600	1700	1700
	Drum Width(mm)	2130	2130	2170	2170
	Drum Edge Thickness(mm)	40	40	40	40
Maneuver Ability	Working Speed(km/h)	0~3.5	0~5	0~6	0~4
		0~4.5			0~6
	Travel Speed(km/h)	0~5.5	0~8	0~8	0~6.5
		0~7.5			0~10
	Theoretical Gradeability Vibratory	45%	30%	30%	40%
	Theoretical Gradeability Non-Vibratory	/	/	/	50%
	Ground Clearance(mm)	410	440	440	430
	Wheelbase(mm)	3182	3185	3203	3471
	Steering Angle(°)	±35	±35	±35	±35
	Swing Angle(°)	±12	±12	±12	±12
	Min. Turning Outside Diameter(mm)	12350	12350	12672	12800
	Tires	23.1-26-8	20.5-25-16PR	23.5-25-16PR	23.5-25-16PR
Engine	Brand	WEICHAI	WEICHAI	WEICHAI	SANY
	Model	WP6G200E331	WP6G200E331	WP6G200E331	D07S3-245E0
	Emission	CHINA Ⅲ	CHINA Ⅲ	CHINA Ⅲ	CHINA Ⅲ
	Rated Power(kW)	147	147	147	180
Capacity	Battery(V×Ah)	24×120	24×120	24×120	24×120
	Fuel Tank(L)	300	300	300	300
	Hydraulic Oil Tank(L)	150	100	100	150

Size Code	SSR220C-8H	SSR220AC-8H	SSR260AC-8H	SSR260C-8
A(mm)	3182	3185	3203	3471
W(mm)	2318	2270	2380	2450
L(mm)	6497	6620	6500	7060
D(mm)	1600	1600	1700	1700
H(mm)	3330	3330	3300	3330
B(mm)	2130	2130	2170	2170
K(mm)	410	440	440	430



SSR100C-10/120C-10/120C-8/150C-8/180C-8/SSR180C-8H/200C-8H/220C-8H/260C-8 Single Drum Rollers Standard and Optional Configurations

Config	Systems	Description	Quantity	Details		Remarks
Standard Configuratoin	Main Machine	SSR100C-10/ SSR120C-10/ SSR120C-8/ SSR150C-8/ SSR180C-8/ SSR180C-8H/ SSR200C-8H/ SSR220C-8H/ SSR260C-8 Single Drum Roller, Standard	1	1.Engine 2.Travel Pump 3.Vibration Pump 4.Travel Motor 5.Vibration Motor 6.Reduction Gears 7.Operating Platform 8.Vibratory Drum (Smooth)	9.Electrical System 10.Operating System 11.Front Frame 12.Rear Frame 13.Covering Part 14.Rear Axle Assembly 15.Center Articulated Frame 16.Cab+Air Con	
Optional Configuratoin	Shed	Shed	1	Work in windy and sandy conditions		Optional
	Vibratory Drum with Welded pad foot	Drum with Welded pad foot	1	Vibratory drum with welded pad foot, which cannot be removed, suitable for compaction of clay, semi-clay, rocks, gravels, expansive soil, and coal cinder base		Substitute smooth drums permissible
	Vibratory Drum with Assembled pad foot	Drum with Assembled pad foot	1	Vibratory drum with assembled pad foot, which can be removed to form a smooth drum; suitable for compaction of clay, semi- clay, rocks, gravels, expansive soil, and coal cinder base		Optional

SSR100AC-8/SSR120AC-8/200AC-8H/220AC-8H/260AC-8H Single Drum Rollers Standard and Optional Configurations

Config	Systems	Description	Quantity	Details		Remarks
Standard Configuratoin	Main Machine	SSR100AC-8/ SSR120AC-8/ SSR200AC-8H/ SSR220AC-8H/ SSR260AC-8H Single Drum Roller, Standard	1	1.Engine 2.Travel Pump 3.Vibration Pump 4.Travel Motor 5.Vibration Motor 6.Operating Platform 7.Vibratory Drum (Smooth) 8.Electrical System	9.Operating System 10.Front Frame 11.Rear Frame 12.Covering Part 13.Rear Axle Assembly 14.Center Articulated Frame 15.Cab+Air Con	
Optional Configuratoin	Shed	Shed	1	Work in windy and sandy conditions		Optional
	Vibratory Drum with Welded pad foot	Drum with Welded pad foot	1	Vibratory drum with welded pad foot, which cannot be removed, suitable for compaction of clay, semi-clay, rocks, gravels, expansive soil, and coal cinder base		Substitute smooth drums permissible
	Vibratory Drum with Assembled pad foot	Drum with Assembled pad foot	1	Vibratory drum with assembled pad foot, which can be removed to form a smooth drum; suitable for compaction of clay, semi- clay, rocks, gravels, expansive soil, and coal cinder base		Optional

STR SERIES TANDEM DRUM ROLLER

Designed in Germany Made in China

OPERATOR COMFORT AND SAFETY FEATURES

- Cab mounted on three stage vibration damping mounts
- Cab climate control
- Specially designed parking brake system

RELIABLE OIL-SPRAYING SYSTEM

- 800L plastic lined water tanks provide water for up to 5.7 continuous hours of work
- Optimized spray amount prevents asphalt from sticking to drums and limits asphalt cooling.
- A back-up spray pump for greater reliability

DRUM VIBRATION TECHNOLOGY

- The use of water wheel type lubrication on the vibratory bearing extends the bearing life up to 5,000 hours.
- Drum evenness and smoothness meets stringent highway surface work requirements.
- Road surface clearance height at the edge can be up to 825mm.

RELIABLE AND EFFICIENT POWER

- Sufficient power to operate on slopes
- Three stage fuel filter system
- Engine cover opens wide to provide easy access for maintenance

EFFICIENT CONTROL SYSTEM

- The operating controls can swing up to 90° right or left to allow the operator a clear view when working at the road edges.
- The speed and direction control joystick are integrated for greater control

ADVANCED HYDRAULIC SYSTEM

- The closed loop hydraulic system has three filters for greater reliability.

TECHNICAL SPECIFICATIONS

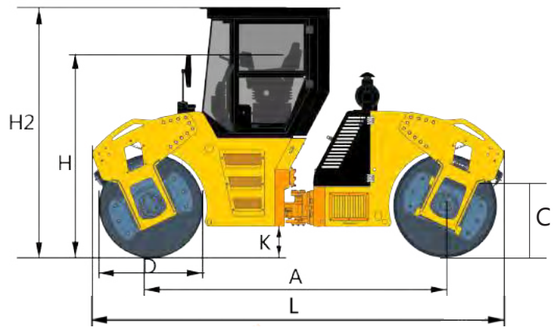
STR Series Full Hydraulic Tandem Roller Technical Specifications

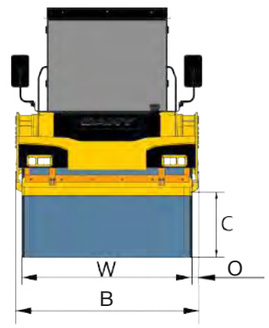
Model		STR30C-8	STR100C-8S	STR100C-8C	STR130C-8S	STR130C-8C	STR140C-8S	STR140C-8C
Weight and Load	Operating Weight(kg)	3000	10500	10500	13000	13000	14000	14000
	Weight at Drum(kg)	1450	5250	5250	6500	6500	7000	7000
	Weight at Rear axle	1550	5250	5250	6500	6500	7000	7000
	Front Drum Static Liner Load(N/cm)	118	271	271	298	298	330	330
	Rear Drum Static Liner Load(N/cm)	126	271	271	298	298	330	330
Compaction	Vibration Frequency(Hz)	55/67	50/61 ; 40/50	50/61	50/61 ; 40/50	50/61	50/67 ; 40/55	50/67
	Nominal Amplitude(mm)	0.5	0.75/0.3	0.75/0.3	0.67/0.31	0.67/0.31	0.62/0.28	0.62/0.28
	Excitation Force(kN)	46/28	140/94 ; 92/63	140/94	169/119 ; 110/80	169/119	169/143 ; 110/96	169/143
	Drum Diameter(mm)	700	1240	1240	1300	1300	1400	1400
	Drum Width(mm)	1200	1900	1900	2135	2135	2135	2135
	Drum Edge Thickness(mm)	14	17	17	20	20	20	20
Maneuver Ability	Travel Speed(km/h)	0~11	0~12	0~12	0~12	0~12	0~12	0~12
	Working Speed(km/h)	0~6	0~6.5	0~6.5	0~6.5	0~6.5	0~6.5	0~6.5
	Theoretical Gradeability Vibratory	30%	30%	30%	30%	30%	30%	30%
	Theoretical Gradeability Non-Vibratory	40%	35%	35%	35%	35%	35%	35%
	Ground Clearance(mm)	240	360	360	380	380	490	490
	Wheelbase(mm)	1700	3689	3689	3689	3689	3689	3689
	Steering Angle(°)	±30	±33	±33	±33	±33	±33	±33
	Swing Angle(°)	± 6	±8	±8	±8	±8	±8	±8
	Min. Turning Outside Diameter(mm)	7050	13530	13530	14000	14000	15800	15800
	Crab Distance(mm)	/	170	170	170	170	170	170
Engine	Brand	YANMAR	WEICHAI	CUMMINS	WEICHAI	CUMMINS	WEICHAI	CUMMINS
	Model	3KNDA	WP4G154E331	QSB4.5-C160 -30	WP4G154E331	QSB4.5-C160 -30	WP4G154E331	QSB4.5-C160 -30
	Cooling System	Water Cooling	Water Cooling	Water Cooling	Water Cooling	Water Cooling	Water Cooling	Water Cooling
	Emission	CHINA Ⅲ	CHINA Ⅲ	Euro Ⅲ	CHINA Ⅲ	Euro Ⅲ	CHINA Ⅲ	Euro Ⅲ
	Rate Speed(rpm)	3000rpm (gross)	2200	2200	2200	2200	2200	2200
	Rated Net Power(kW)	28.1(gross)	113	119	113	119	113	119
Capacity	Battery(V×Ah)	12×40	24×120	24×120	24×120	24×120	24×120	24×120
	Water Tank(L)	160	800	800	800	800	800	800
	Fuel Tank(L)	40	230	230	230	230	230	230
	Hydraulic Oil Tank(L)	28	100	100	100	100	100	100

Tandem Drum Rollers STR30C-8/STR100C-8S/STR100C-8C/STR130C-8S/STR130C-8C STR140C-8S/STR140C-8C Standard and Optional Configurations

Config	Systems	Description	Quantity	Details		Remarks
Standard Configuratoin	Main Machine	STR30C-8/ STR100C-8S/ STR100C-8C/ STR130C-8S/ STR130C-8C/ STR140C-8S/ STR140C-8C Tandem Drum Roller, Standard	1	1.Engine 2.Travel Pump 3.Vibration Pump 4.Travel Motor 5.Vibration Motor 6.Reduction Gears 7.Operating Platform	8.Electrical System 9.Vibratory Drum (Smooth) 10.Front Frame 11.Rear Frame 12.Water-Spraying System 13.Covering Parts 14.Seat	
	Cab (STR30C-8 excepted)	Cab Assembly	1	Best for windy and sandy conditions		Substitute operating platform allowed
Optional Configuratoin	Cab + Air Conditioner (STR30C-8 excepted)	Cab Assembly	1	Best for windy and sandy and extreme temperature conditions		Substitute operating platform allowed
		Air Conditioner	1			
	Double vibration or single vibration are optional for STR30C-8					

Size Code	STR30C-8	STR100C-8S	STR100C-8C	STR130C-8S	STR130C-8C	STR140C-8S	STR140C-8C
A (mm)	1700	3689	3689	3689	3689	3689	3689
B (mm)	1280	2100	2100	2305	2305	2305	2305
C (mm)	550	825	825	825	825	825	825
D (mm)	700	1240	1240	1300	1300	1400	1400
H (mm)	/	2507	2507	2538	2538	2588	2588
H2 (mm)	2560	3215	3215	3215	3215	3315	3315
K (mm)	240	360	360	380	380	490	490
L (mm)	2550	5165	5165	5165	5165	5165	5165
O (mm)	40	100	100	85	85	85	85
W (mm)	1200	1900	1900	2135	2135	2135	2135





SANY SPR SERIES PNEUMATIC ROLLER

HYDRAULIC DRIVE SYSTEM

- Continuously variable drive system provides smooth starting and stopping
- Controls are easy to learn and easy to operate

HYDRAULIC BRAKE SYSTEM

- Hydraulic braking is engaged upon engine or transmission failure
- Braking distance is 50% less than similar equipment
- Transaxle brake is applied when the equipment stops without the need for hand brake

AUTOMATIC OIL-SPRAYING TECHNOLOGY

- Pneumatic powered automatic oil-spraying prevents asphalt from sticking to the tires
- Two minute suction refill of oil tank eliminates the manual refilling
- Eliminates the safety hazard of manually applying oil

EXCEPTIONAL COMPACTION PERFORMANCE

- Meeting the demands of compaction for asphalt road and cement stabilized base

AUTOMATIC INFLATION SYSTEM

- Tire pressure is adjustable from within the cab
- Even and consistent air pressure ensures compaction quality
- Air pressure is maintained even when a tire has a slow leak

TECHNICAL SPECIFICATIONS

SPR Series Pneumatic Roller Technical Specifications

Model		SPR160C-8	SPR200C-8	SPR260C-8S	SPR300C-8S
Compaction	Max. Operating Weight(kg)	16000	20000	26000	30000
	Min. Operating Weight(kg)	10000	10000	11000	11000
	Ground Pressure(kPa)	200~400	200~480	200~520	200~540
	Single Tire Load(t)	2	2.5	2.88	3.33
	Tire Inflation Pressure(kPa)	200~800	200~800	200~800	200~800
	Compaction Width(mm)	2085	2085	2368	2368
	Overlap(mm)	361	36	63	63
Maneuver Ability	Working Speed(km/h)	0~7.6	0~7.6	0~5.5	0~5.5
				0~8	0~8
	Travel Speed(km/h)	0~14	0~14	0~10	0~10
				0~14	0~14
	Streering Angle(°)	30	30	30	30
	Gradeability	25%	25%	25%	25%
	Swing Distance(mm)	50	50	50	50
	Ground Clearance(mm)	350	350	350	350
	Wheelbase(mm)	3750	3750	4170	4170
	Min. Turning Outside Diameter (mm)	17000	17000	19000	19000
Engine	Brand	DONGFENG CUMMINS	DONGFENG CUMMINS	WEICHAI	WEICHAI
	Model	4BTAA3.9-C125	4BTAA3.9-C125	WP6G190E301	WP6G190E301
	Emission	/	/	CHINA Ⅲ	CHINA Ⅲ
	Power(kW)	93	93	140	140
Capacity	Accumulator(V×Ah)	24×120	24×120	24×120	24×120
	Water Tank(L)	500	500	500	500
	Fuel Tank(L)	160	160	200	200
	Hydraulic Oil Tannk(L)	100	100	100	100

Size Code	SPR160C-8	SPR200C-8	SPR260C-8S	SPR300C-8S
A (mm)	3750	3750	4170	4170
B (mm)	2085	2085	2368	2368
H (mm)	3275	3275	3280	3280
K (mm)	350	350	350	350
L (mm)	5200	5200	5435	5435
W (mm)	2036	2036	2279	2279

Pneumatic Rollers SPR160C-8/SPR200C-8/SPR260C-8S/SPR300C-8S Standard and Optional Configurations

Config	Systems	Description	Quantity	Details	Remarks
Standard Configuratoin	Main Machine	SPR160C-8/ SPR200C-8 Pneumatic Roller, Standard	1	1.Engine 2.Travel Pump 3.Travel Motor 4.Transaxle 5. Conopy 6. Front Covering Part 7. Front Wheel Assembly 8. Rear Wheel Assembly 9. Electrical System 10.Frame Assembly 11. Water Spraying System	
Optional Configuratoin	Cab	Cab	1	Work in windy, sandy, and extreme temperature conditions	Optional
	Air Conditioner	Air Condition System	1	Work in windy, sandy, and extreme temperature conditions	Optional
	Rear Vision System	Rear Vision System	1	Work in confined areas such as residential areas	Optional
	Centralized Inflation and Auto-Oil-spraying System	Centralized Inflation and Auto-Oil-spraying System	1	High-grade road works	Optional

Config	Systems	Description	Quantity	Details	Remarks
Standard Configuratoin	Main Machine	SPR260C-8S/ SPR300C-8S Pneumatic Roller, Standard	1	1.Engine 2.Travel Pump 3.Travel Motor 4.Transaxle 5. Cab 6. Front Covering Part 7. Front Wheel Assembly 8. Rear Wheel Assembly 9. Electrical System 10.Frame Assembly 11. Water Spraying System	
Optional Configuratoin	Air Conditioner	Air Condition System	1	Work in windy, sandy, and extreme temperature conditions	Optional
	Rear Vision System	Rear Vision System	1	Work in confined areas such as residential areas	Optional
	Centralized Inflation and Auto-Oil-spraying System	Centralized Inflation and Auto-Oil-spraying System	1	High-grade road works	Optional

LEAN MANUFACTURING

Sany uses a lean manufacturing system designed to produce reliable products in the most efficient manner possible.

● Imported Machining Production Line

● Imported Horizontal Machining Centre

● Professional Inventory Management and Damage-Prevention Measures

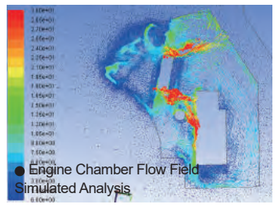
● World's Biggest Vehicle Assembly Line

● Sany's Digitalized Asphalt Batching Plant Base in Changde City

● Dust-free Constant Temperature Precision Transmission Workshop

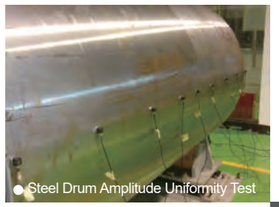
Sany's world-class road machinery production line is the result of advanced design, optimized layout, and technical innovation. Sany continuously researches automation and intelligent equipment technologies and has created an information-oriented production management system, utilizing fully automatic robotic welders, automatically guided vehicles (AGVs) and automated warehouses. Rigorous quality control ensures that each machine is defect free, even when working in the most complicated conditions.
Sany has set a new standard of engineering for the machinery industry to meet.

TEST SYSTEM

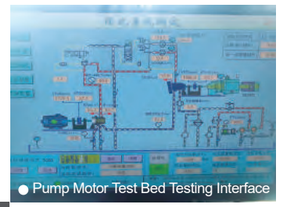


● Engine Chamber Flow Field Simulated Analysis

● Simulated Stress Analysis of Roller when Lifted



● Steel Drum Amplitude Uniformity Test



● Pump Motor Test Bed Testing Interface

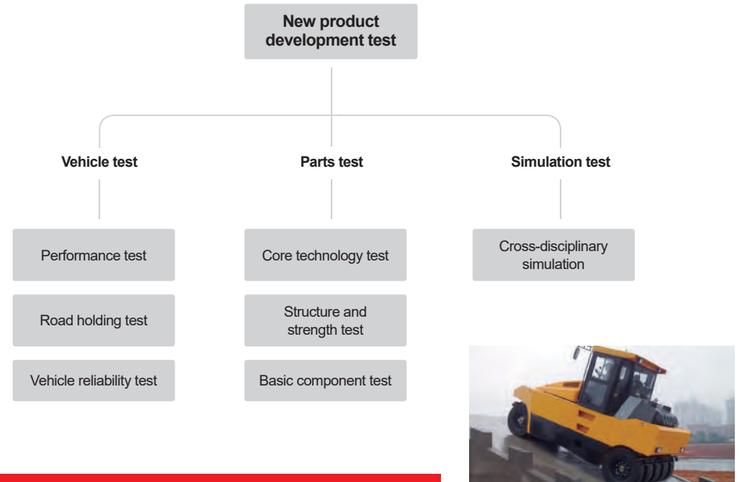
● Three-Coordinate High Precision Inspection Device

● Damper Mass Cutting Test

● STR130-5 Tandem Roller Reliability Test

● STR30-5 Tandem Roller Reliability Test

● Compaction Test of Single-Drum Roller on Mound Roadbed



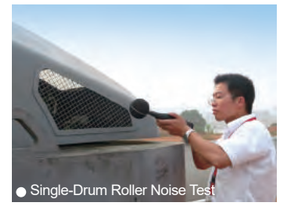
R&D and Test System

To build the leading road machinery R&D platform in the world, Sany Road Machinery now has at its disposal 9 testing and checking centers and 58 labs to form a cross-disciplinary and cross-sector product development work flow. The 9 testing and checking centers include: the Construction Machinery Remote Monitoring Service and Fault-Diagnosis Lab, the Hydraulics Lab, the Mechanical-Electrical-Hydraulic and Simulation Lab, the Diesel Engine Lab, the Equipment Fatigue (Working Life) Lab, the Welding Lab, the Strength (Stress) Test Lab, the Wear-Resistant Material Test Lab, and the Automobile Chassis Auto Check Lab. Through working on the testing infrastructure, new product development test, customer experience platform, and the work conditions simulation data base, we have put in place a three-stage testing system comprising vehicle test, parts and components test, and simulation test. So far the system has the capacity to develop asphalt batching plants, asphalt pavers, motor graders, rollers, and cold planers, and the research and testing capacity to increase our overall competitiveness.

● Pneumatic Roller 40% Gradeability Test

● Bench Test Control Platform

● Single-Drum Roller 55% Gradeability Test



● Single-Drum Roller Noise Test

CASES

The construction of the 2,000 kilometer Chita-Haba highway in Russia used six SANY tandem drum rollers and three pneumatic rollers.

The construction of BR-116 in Rio-Negroof PR in southern Brazil used SANY's SPR260 pneumatic rollers. The 1.9 billion USD, 412.7 kilometer, federally chartered road connects Curitiba PR and the borders between Santa Catarina and Rio Grande do Sul. Daily traffic on the road is about 78,390 vehicles.

A SSR120 single drum roller along with other SANY equipment is shown here working at the Los Tres Pastorcitos quarry in Arequipa Peru. The quarry is located at an altitude of 2,300m above sea level.

SANY single drum rollers and pad foot shell kit rollers were used in the construction of the ring road surrounding the city of Sao Paulo, Brazil. The 180km road is 23km from the city center and will significantly improve traffic flow within and around the city.


Putzmeister
Germany
Sany America
Sany Brazil
Xinjiang Industrial Park: Sany Heavy Industry Northwest Co., Ltd.
Shenyang Industrial Park: Sany Heavy Equipment International Holdings Co., Ltd.
Beijing Industrial Park Zones: Sany Heavy Machinery Co., Ltd.
/ Sany Heavy Energy Machinery Co., Ltd.
Shanghai Industrial Park Zones: Sany Heavy Machinery Co., Ltd.
/ Shanghai Sany Precision Machinery Co., Ltd.
/ Sany Turbine Machinery Co., Ltd.
Sany Group Headquarters / Sany Heavy Industry Co., Ltd.
Zhuhai Industrial Park: Sany Marine Heavy Industry Co., Ltd.
Sany India
Sany Indonesia
Sany's Industrial Parks
Putzmeister (International Headquarters of Sany Concrete Machinery)
Sany Sales & Service Offices in China
Sany Sales & Service Offices Overseas
Sany Global Coverage