

# SDLANCH INTELLIGENT CO LTD

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# Skid Steer Loader



# COMPANY PROFILE

## SDLANCH INTELLIGENT CO., LTD

Since 2016 and is located on the first floor of an office building in Huangtun Street, Guangan Road, High-tech Zone, Jining City, Shandong Province. It is a high-tech innovative enterprise integrating research and development, production and sales. Up to now, it has set up offices and regional overseas warehouses in the United States, Russia, the United Kingdom, Spain, Australia, South Korea, Saudi Arabia and other places.

The total area of the factory is 105,000 square meters. It has 2 R&D centers, 3 independent factories, 9 standard workshops, and 700 employees with degrees ranging from PhDs to Masters and Bachelors. Among them, there are 100+ senior technicians, 30+ R&D engineers, and 20+ senior engineers. The company holds the "ISO:9001 Quality Management System Certification" and international authoritative third-party certifications such as the US EPA, EU CE, Euro-V, and SGS. The company has over 1,000 SKUs and its products are exported to 170 countries and regions.

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# SKID STEER LOADER

Skid steer loader is also called skid loader, multi-function engineering vehicle, and multi-function engineering machine. It is a wheeled special chassis equipment that uses the linear speed difference of the wheels on both sides to achieve vehicle steering. It adopts a wheeled walking structure, all-wheel drive, and skid steering. It can quickly replace or mount various working devices at the work site to adapt to different working environments and work contents. The power of the skid steer loader is generally 15~60HP, the main machine weight is 700-3500 kg, and the speed is about 0~6 kilometers per hour. It is mainly used in places with narrow working sites, uneven ground, and frequent changes in work content, such as warehouse handling, dock loading and unloading, workshop unloading, supermarket handling, factory handling, etc.



## PRODUCT FEATURES

01

### ONE MACHINE FOR MULTIPLE USES WITH COMPLETE ACCESSORIES:

The machine is equipped with a quick-change device, dozens of accessories are optional, and it has a wide range of uses, including snow shoveling, carrying, loading, trenching, etc.

02

### COMPACT AND FLEXIBLE EASY TO OPERATE:

The double operating lever design is easy to learn and use, and the body is compact, suitable for construction in small spaces.

03

### VARIOUS SPECIFICATIONS AND CUSTOMIZATION SUPPORT:

Three walking modes are available: triangular, wheeled, and crawler. The engine categories are diverse, and the body color can be customized.

04

### QUALITY ASSURANCE AND WORRY-FREE AFTER-SALES SERVICE:

The whole machine provides a one-year warranty except for wearing parts, and professional after-sales service provides technical support.

# SDL10



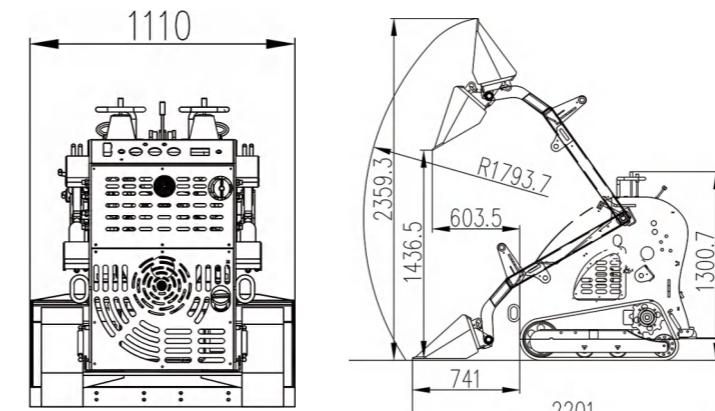
## TECHNICAL PARAMETERS



### SDL10

Engine brand	RATO	
Rated power	15kw	Rated speed: 3600 (rpm)
Number of cylinders	2	
Intake method	self-priming	
Displacement	739CC	
Emission standard	National I//Euro V/EPA	
Rated load	200	(kg)
Maximum load	380	(kg)
Bucket volume	0.15	(m <sup>3</sup> )
Driving speed	0~6	(km/h)
Working system pressure bar	17	(Mpa)
Fueltank capacity	25	(L)
Operation weight	890	(kg)
Maximum operating height	2100	(mm)
Height to bucket pin	1880	(mm)
Vehicle height	1270	(mm)
Maximum height of bucket		
When laid flat	2000	(mm)
Total length with standard bucket	2285	(mm)
Maximum height unloading angle	30°	
Unloading height	1880	(mm)
Unloading distance	430	(mm)
Flip angle of bucket at highest position	30°	
Wheelbase	760	(mm)
Ground clearance	110	(mm)
Bucket width	1150	(mm)

## MACHINE DESIGN DRAWING



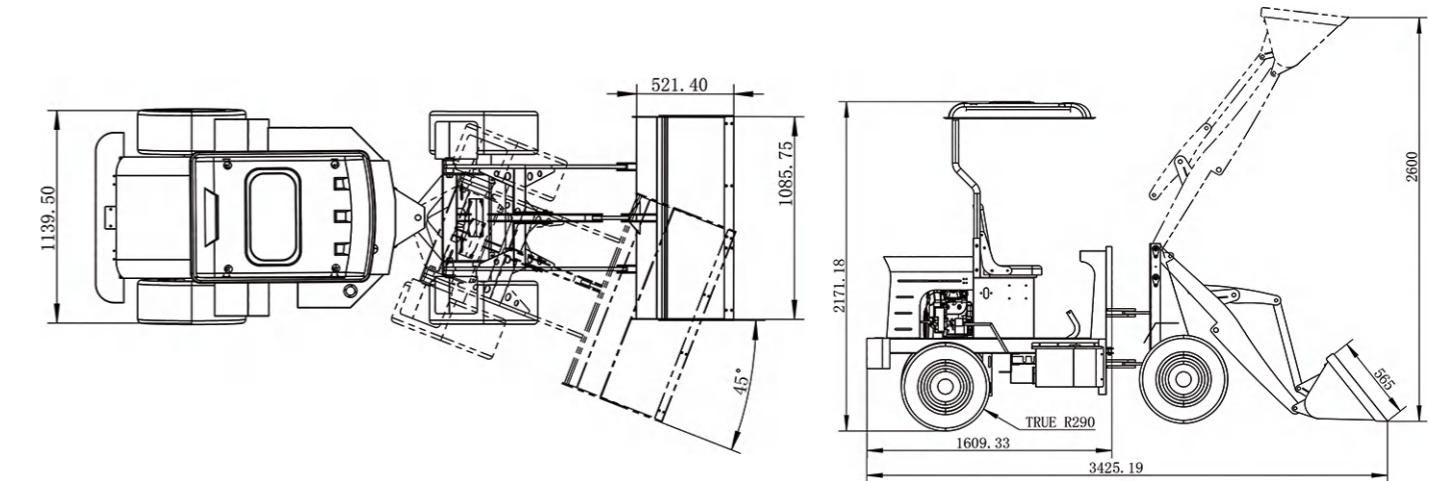
# SDL80



## TECHNICAL PARAMETERS

SDLL80	
Engine brand	RATO 420/92, Gasoline/Air-cooled
Maximum Lifting capacity	200 (kg)
Struck capacity	0.15 (m <sup>3</sup> )
Travel speed	0-6 (Km/h)
Rated Power	8.5 (kw)
Rated speed	3600 (rpm)
Hydraulic Pump	Gear Pump
Working Pressure	22 (MPa)
Control Valve	3+2 5pool Manual control Valve
Track Type	Rubber Track
Size	2050*1000*1980 (mm)
Weight	520 (kg)

## MACHINE DESIGN DRAWING



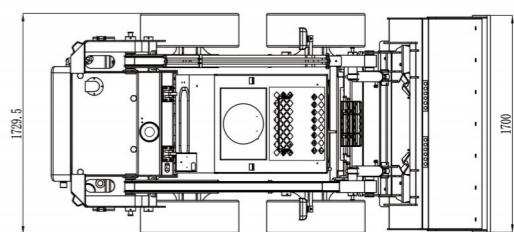
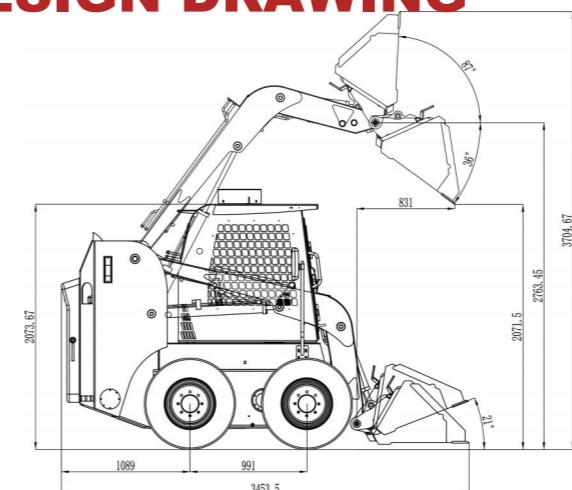
# SDL35



## TECHNICAL PARAMETERS

SDL35		
Engine brand	RATO 825D	
Machine operating weight	2400	(kg)
Bucket capacity	0.18	(m <sup>3</sup> )
Travel speed low/high speed	0-6	(Km/h)
Gradability	25%	
Maximum lifting force	837	(kg)
Maximum working height	3019	(mm)
Maximum unloading height	1959	(mm)
Loading distance at maximum unloading height	500	(mm)
Wheelwidth	800	(mm)
Ground clearance	60	(mm)
Bucket unloading angle	30°	
Bucket width	900	(mm)
Total length	2660	(mm)
Totalwidth	910	(mm)
Onboard width	650	(mm)
Total height	1810	(mm)
Working radius	2820mm	(mm)
Maximum horsepower	33	(HP)
Maximum power	24	(kw)
Maximum speed	3600	(rpm)
Fueltype	gasoline	
Tire	650-10	(rpm)
Tension type	hydraulic tension	

## MACHINE DESIGN DRAWING

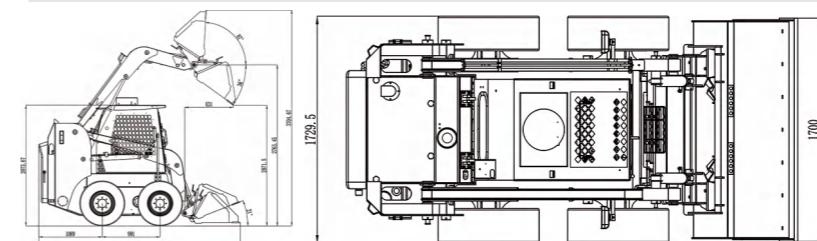


# SDL45T



## TECHNICAL PARAMETERS

SDL45T		
Rated load	700	(kg)
Maximum speed	10	(km/h)
Hydraulic flow	80	(L/min)
Tyre model	10-16.5	(NHS)
Rated power	45	(kw)
Fuel tank capacity	70	(L)
Weight	2600	(kg)
Operation weight	2700	(kg)
Bucket volume	0.4	(m <sup>3</sup> )
Maximum operating height	4042	(mm)
Bucket height	3079	(mm)
Cab top height (including airconditioning)	2230	(mm)
Maximum height of bucketbottom	2909	(mm)
Total length without bucket	2325	(mm)
Total length with bucket	3276	(mm)
Maximum height unloading angle	37.5°	
Unloading height	2342	(mm)
Unloading distance	550	(mm)
Reversal angle of bucket		
On the ground	20.5°	
Tip angle of bucket at		
highest position	96.5°	
Wheelbase	991	(mm)
Ground clearance	185	(mm)
Departure angle	20°	
Turning radius without bucket	1188	
Front turning radius	2209.5	(mm)
Rear turning radius	1481.5	(mm)
Tail length	929	(mm)
Tread (standard tire)	1462.5	(mm)
Vehicle width (standard tire)	1726.5	(mm)
Width with standard bucket	1742	(mm)



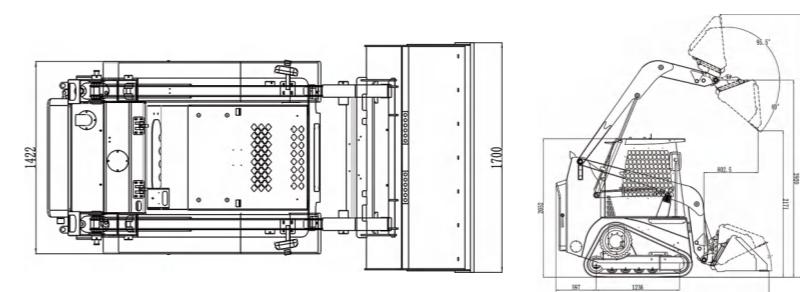
# SDLL50C



## TECHNICAL PARAMETERS



SDLL50C	
Rated load	700 (kg)
Maximum driving speed	10 (km/h)
Hydraulic flow	80 (L/min)
Tyre model	300x52.5
Rated power	45 (kw)
Fueltank capacity	50 (L)
Weight	2700 (kg)
Operation weight	2800 (kg)
Bucket volume	0.4 (m³)
Maximum operating height	3660 (mm)
Bucket height	2730 (mm)
Cab top height (including airconditioning)	2349 (mm)
Maximum height of bucket bottom	2500 (mm)
Total length without bucket	2170 (mm)
Total length with bucket	3150 (mm)
Maximum height unloading angle	40°
Unloading height	1990 (mm)
Unloading distance	1040 (mm)
Reversal angle of bucket on the ground	30°
Turning angle of bucket at Shighest position	100°
Wheelbase	1230 (mm)
Ground clearance	230 (mm)
Departure angle	18.5°
Turning radius without bucket	1064 (mm)
Front turning radius	1825 (mm)
Rear turning radius	1264 (mm)
Tail length	590 (mm)
Wheelwidth (standard tire)	1022 (mm)
Vehicle width (standard tire)	1422 (mm)
Width with standard bucket	1700 (mm)

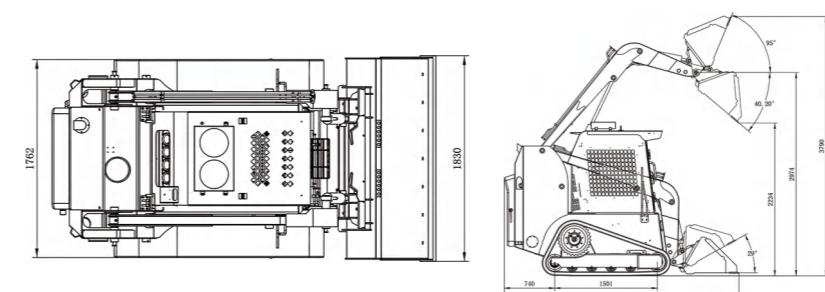


# SDLL65C



## TECHNICAL PARAMETERS

SDLL65C	
Rated load	1000 (kg)
Maximum driving speed	12 (km/h)
Hydraulic flow	89 (L/min)
Tyre model	300x52.5
Rated power	55 (kw)
Fueltank capacity	90 (L)
Weight	3700 (kg)
Operation weight	3800 (kg)
Bucket volume	0.5 (m <sup>3</sup> )
Maximum operating height	3900 (mm)
Bucket height	2970 (mm)
Cab top height (including airconditioning)	2409 (mm)
Maximum height of bucket bottom	2790 (mm)
Total length without bucket	2450 (mm)
Total length with bucket	3400 (mm)
Maximum height unloading angle	40°
Unloading height	2270 (mm)
Unloading distance	1120 (mm)
Reversal angle of bucket on the ground	30°
Turning angle of bucket at highest position	100°
Wheelbase	1500 (mm)
Ground clearance	200 (mm)
Departure angle	18.5°
Turning radius without bucket	1230 (mm)
Front turning radius	2010 (mm)
Rear turning radius	1720 (mm)
Tail length	730 (mm)
Wheelwidth (standard tire)	1482 (mm)
Vehicle width (standard tire)	1782 (mm)
Width with standard bucket	1830 (mm)



# SDL65T



## TECHNICAL PARAMETERS



SGS

SDL65T		
Rated load	1050	(kg)
Maximum speed	10	(km/h)
Hydraulic flow	89	(L/min)
Tyre model	12-16.5	(NHS)
Rated power	55	(kw)
Fueltank capacity	75	(L)
Weight	3300	(kg)
Operation weight	3400	(kg)
Bucket volume	0.5	(m <sup>3</sup> )
Maximum operating height	3987	(mm)
Bucket height	3018	(mm)
Cab top height (including airconditioning)	2295	(mm)
Maximum height of bucket bottom	2862	(mm)
Total length without bucket	2527	(mm)
Total length with bucket	3428	(mm)
Maximum height unloading angle	32°	
Unloading height	2410	(mm)
Unloading distance	850	(mm)
Reversal angle of bucket on the ground	23°	
Turning angle of bucket at highest position	95°	
Wheelbase	1074	(mm)
Ground clearance	205	(mm)
Departure angle	20°	
Turning radius without bucket	1320.5	(mm)
Front radius	2096.5	(mm)
Rear turning radius	1674.5	(mm)
Tail length	1057	(mm)
Wheelwidth (standard tire)	1498	(mm)
Vehicle width (standard tire)	1805	(mm)
Width with standard bucket	1880	(mm)

