

# SC990.10

Total Weight: 98T

Rated power: 574kw/2000rpm

Bucket capacity: 6.5-8m<sup>3</sup>

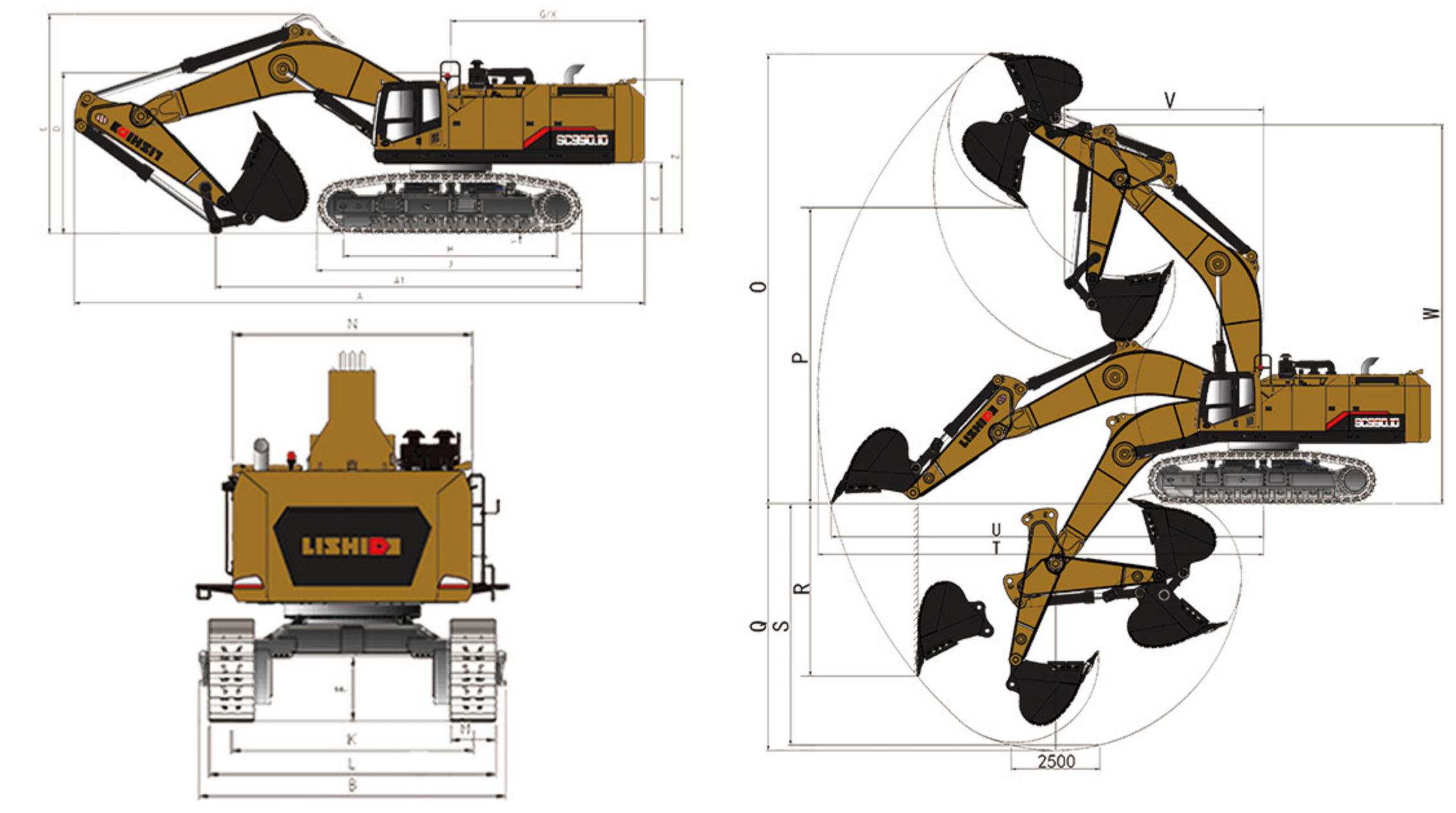


## Parameters

Specification	规格	SC990.10
Total Weight(T)	整机重量 (T)	98
Bucket capacity(M <sup>3</sup> )	铲斗容量 (M <sup>3</sup> )	6.5-8
Engine model	发动机型号	Scania DC16
Rated power(Kw/r/min)	额定功率(Kw/r/min)	574/2000
fuel tank volume(L)	燃油箱容积(L)	1300
walking speed(km/h)	行走速度(km/h)	3.53/2.4
Swing speed(r/min)	回转速度(r/min)	6.5
Climbing ability	爬坡能力(°)	35
Bucket digging force(KN)	铲斗挖掘力(KN)	514
Arm digging force(KN)	斗杆挖掘力(KN)	437
Ground pressure(KPa)	接地比压(KPa)	131
Traction(KN)	牵引力(KN)	714
Hydraulic pump model	液压泵型号	K7V280
Max flow rate(L/min)	最大流量 (L/min)	550*2
Work pressure(MPa)	工作压力(MPa)	34.3/37
Hydraulic tank volume(L)	液油箱容积(L)	1090

Scope of work(mm)	作业范围(mm)	SC990.10
O - Maximum excavation height	O-最大挖掘高度	12670
P-Maximum unloading height	P-最大卸载高度	8345
Q-Maximum digging depth	Q-最大挖掘深度	6956
R-Maximum vertical digging depth	R-最大垂直挖掘深度	4860
S - Maximum digging depth when digging out 2.5m level	S-挖出2.5m水平面时的最大挖掘深度	6805
T-Maximum digging distance	T-最大挖掘距离	12560
U - Maximum excavation distance on the ground	U-在地平面的最大挖掘距离	12180
V - Minimum turning radius	V-最小回转半径	5612
W - Maximum height at minimum turning radius	W-最小回转半径时最大高度	10686

Overall size(mm)	整机尺寸(mm)	SC990.10
A-Total length	A-总长	13870
B-Overall width	B-总宽	4451
C-Total height(boom top)	C-总高(至动臂顶部)	5347
D-Overall height (top of cab)	D-总高(驾驶室顶)	3920
E-counterweight ground clearance	E-配重离地间隙	1728
F - Minimum ground clearance	F-最小离地间隙	940
G-Tail turning radiu	G-尾部回转半径	4711
H - Track grounding length	H-履带接地长度	5200
J-Track length	J-履带长度	6445
K-Rail guage	K-轨距	3510/2940
L-Track width	L-履带宽度	4160/3590
M-track shoe width	M-履带板宽度	650
N-Turntable width	N-转台宽度	3485
X -Distance from the center of rotation to the rear end	X-回转中心至后端的距离	4271
Y-Track tooth thickness	Y-履带齿厚度	50
Z-Counterweight heigh	Z-配重高度	3750
A1- Grounding length (during transportation)	A1-接地长度(运输时)	8905
Arm length	斗杆长度	2930
Boom length	动臂长度	7250



Note: LISHIDE products are constantly upgraded and updated, and product technical parameters, configuration and other information may be modified and adjusted at any time. If there is any modification, we will not notify you; therefore, this information is for reference only. Please refer to the product configuration, appearance, technical parameters, etc. The actual product shall prevail.

Mini excavator  
微型挖掘机

Small excavator  
小型挖掘机

Medium excavator  
中型挖掘机

Large excavator  
大型挖掘机

Mining excavator  
矿山挖掘机



It adopts Scania high-power DC16 engine with a power of 574kW/2000rpm. Its power is strong, so its performance is excellent and worthy of customers' trust. Unique ECO mode and positive flow hydraulic system ensure excellent fuel efficiency.



The main pump adopts a positive flow hydraulic system, which has faster response and more coordinated actions. 280cc large displacement dual pumps, large system flow and higher efficiency. The 100-ton large-diameter hydraulic main valve has small system pressure loss, which not only maintains high-efficiency operation, but also greatly reduces fuel consumption. The comprehensive fuel consumption is about 62L per hour.



Completely independent dual cooling system, water dissipation and oil dissipation are independently controlled without interfering with each other. The fan speed is automatically adjusted according to the temperature and has a one-key reversal function, making radiator maintenance convenient and fast. 7kw high-power starting motor, low-temperature large-capacity battery, strong cold-start ability, suitable for harsh working scenarios such as high and low-temperature environments, specially designed for open-pit mines!



The cab comes standard with one-button start, adopts advanced intelligent electronic control technology, and adds fault alarm and intelligent diagnosis functions to achieve the effect of real-time monitoring of equipment usage status and greatly improve equipment reliability! The display uses a 10-inch touch screen, which displays rich information. The air conditioner and multimedia are operated by touch, with good integration and flexible and convenient operation.

## partial configuration

