

# **SY35U**

Flexible and Energy-saving
High Quality

CHANGES THE WORLD

Quality changes the world

Brand new change QUALITY



# **Selling Points**

## Good Controllability

With matured load sensing system, and debugging technology, the machine possesses excellent controllability.

#### Stable & Reliable

With reinforced working device and high-strength slewing platform, the overall performance is more stable and reliable.

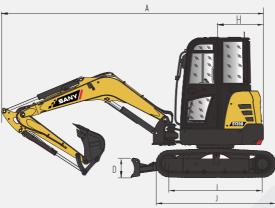
### High Efficient & Energy Saving

With independently developed intelligent control system, the engine matches with the maim pump perfectly, the working efficiency is higher and the fuel consumption is lower.

### Safe & Comfortable

With standard operator cabin, and dual-purpose air conditioner, the operations become safer and more comfortable.





A Overall length (in transportation state	<b>SY35U</b> )4915
B Overall width (in transportation state /in operation state)	1720
C Overall height (in transportation state	)2515
D Height of bulldozing plate	350
E Width of standard track shoe	300
F Track gauge (in transportation state / in operation state	1420
G Minimum ground clearance	295
H Slewing radius of tail	860
I Ground contact length of track	1670
J Track shoe length	2155

Performance parameters	Standard
Total weight, kg	<b>SY35U</b> 3780
Bucket capacity m <sup>3</sup>	0.06-0.15(0.12)
Rated power, kW/rpm	20.2/2200
Traveling speed (high/low), km/h	4.4/2.4
Slewing speed, rpm	9
Gradeability	58%
Ground pressure, kPa	32
Digging force of bucket, kN	30.4
Digging force of bucket rod, kN	18.2

#### **Operating range (mm)**

20   6	ft m		
15 - 4 10 - 3 2 5 - 1 0 - 0 11 -52 -103	20 1 6		
10 - 3 5 - 1 0 - 0 11 -52 -103	15 -	- f	
5 - 1 0 - 0 iii d c			
0 - 0 hi iii d c	5 -		9
-52 -103			
-103	-5 -		d c
15.	-2	е	
-5 -1 0 1 2 3 4 5 6 7 m -2 -1 0 15 10 5 0 -5 ft	-4		
25 20 15 10 5 0 -5 <b>ft</b>	1-5	-7 -1 0 1 7 3	4 5 6 7 <b>m</b>
	25	20 15 10	5 0 -5 ft

#### **Standard**

	SY35U
a Maximum digging height	4855
b Maximum unloading height	3460
c Maximum digging depth	3105
d Maximum digging depth with vertical boon	n 2700
e Maximum digging distance	5465
f Minimum slewing radius	2475
g Maximum height at maximum slewing radius	3685
$_{h}$ Maximum ground clearance with bulldozing plate lifted $\mathfrak t$	up 375
Maximum cutting depth of bulldozing plate	370

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