



# ТРАКТОРОЭКСПОРТ

**ROLLER DU-50**  
6—8 TONS



# ROLLER DU-50

## 6—8 tons

Model DU-50 three-roll roller is designed to compact earth roads and crushed-stone, gravel, tar and asphalt-concrete coatings in the construction and repair of motorways.

Hydraulic control and reliable design render the DU-50 roller highly efficient and economical in service.



### ТРАКТОРЭКСПОРТ

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### SPECIFICATIONS

Roller base, <i>mm</i> .....	3010
Road clearance, <i>mm</i> .....	275
Turning radius, inside roll imprint, <i>mm</i> .....	3000
Driven roll diameter and width, <i>mm</i> .....	1000 × 1000
Drive roll diameter and width, <i>mm</i> .....	1300 × 530
Rolled strip width, <i>mm</i> .....	1850
Engine .....	Model D-37E, four-stroke diesel, with forced air cooling
Flywheel power at 1800 <i>rpm</i> , <i>HP</i> (DIN) .....	50
Transmission type .....	mechanical, with three-speed gearbox, reversing mechanism, differential with interlocking device and final drives
Speed, forward and reverse, <i>km/h</i> :	
1st gear .....	2.37
2nd gear .....	3.97
3rd gear .....	7.85
Electrical equipment voltage, <i>V</i> .....	12
Filling capacities, <i>l</i> :	
fuel tank .....	47
engine crankcase sump .....	11
engine air cleaner bowl .....	1
gearbox .....	8
turning hydraulic system .....	6
sprinkler tanks .....	184
Overall dimensions, <i>mm</i> :	
length .....	4378
width .....	1800
height .....	1800
height, with canopy .....	2600

#### Mass and line pressure:

Parameters	Driven roll	Drive rolls		Roller total mass
		R.H.	L.H.	
Mass distribution, <i>kg</i> :				
less ballast	2900	1550	1550	6000
with ballast	3760	2120	2120	8000
Line pressure, <i>kgf/cm</i> :				
less ballast	29	30	30	—
with ballast	38	40	40	—

The specifications are subject to change without notice.