

NL460-OC



NEUMEIER

Technical Datas

rated load	7500 kg	digging depth	221 mm
operating weight	23500 kg	min. turning radius	7042 mm
rated bucket capacity	4,2 m ³	pivot angle frame	38+10
max. breakout force	220 kN	oscillating angle of rear axle	12°
max. driving force	222 kN	lifting time of bucket	6,1 sec
max. dump clearance	3220 mm	lowering time of bucket	3,8 sec
dump reach	1275 mm	dumping time	1,9 sec
dump angle at any position	450	max. travelling speed	37 km/h



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Overall Dimensions

length	8698 mm
width	3099 mm
bucket width	3250 mm
height	3686 mm
wheel base	3400 mm
tread	2350 mm
min. ground clearance	510 mm

Diesel engine

model	Cummins
type	direct injection, turbocharged, water cooling
rated output	216 kW/2100rpm
inter-bore of cylinder/stroke	125/147 mm
total exhaust of cylinder	10,8 liter
model of starting motor	42MT400
power of start motor	7,5 kW
voltage of starting motor	24 V
max. torque	1329Nm
starting type	electric
net weight	980 kg

Axle and Tyre

type of main reducer	single stage
gear ratio of main reducer	4,777
type of final reducer	single stage planetary
gear of ratio of final reducer	5.167
total gear ratio	24.685
size of tyre	26.5-25-20PR

Working Device Hydraulik System

model of oil pump	322-9529-157
system pressure	21 MPa
dimension of lifting cylinder	180x100x767 mm
dimension of tilting cylinder	210x110x555 mm

Transmission System

torque converter	
type	3-element single stage
torque ratio	2,985
max. dia. of flow path	370 mm
cooling type	pressure oil circulating
gear box	
model	ZF4WG308
type	fixed shaft power shift
gear shift position	4 forward and 3 reverse gears

Brake System

type of travelling brake	full hydr. wet-type disk brake
oil pressure	15 MPa
type of emergency brake	lower pressure alarm brake
type of parking brake	electric control brake

Oil Capacity

fuel	423 liter
engine lubricating oil	32 liter
oil for converter and gear box	38 liter
oil for hydraulic system	300 liter
oil for driving axles front/rear	70/57 liter

Steering System

type	middle articulated frame, full hydr. power
system pressure	17,5 MPa
dimension of steering cylinder	100x50x441 mm

