



NATURA200

**SUSPENDED BEET
CLEANER AND LOADER**


NATURA DK

NATURA 200



- NATURA200 is a trailed machine for beet cleaning and loading
- Cleaning directly in the field or in solid loading yard

MODERN HEATED CABIN WITH COMFORTABLE ERGONOMIC CONTROL

- Control panel and joystick /cabin version/
- Only for use with front loader
- Modern wireless remote control /version without cabin/
- Can be used with front and grab loader Robust frame of solid hollow sections, uni-axial chassis with runner chassis and pneumatic braking system
- Feeding chute with opening sides made of steel plates and rounds covered with scratch-proof plastic layer
- Feeder conveyor made of steel partitions and 12×42 mm chain
- Rubber cleaning segments and steel spiral rollers with reversible action
- 8.5 m long loading conveyor belt; unloading section with scratch-proof plastic layer
- The speed of all the functions can be regulated independently

HIGH CLEANING PERFORMANCE

- Powerful Zetor Z1404 84kW engine with up to 2,200 rpm

LOADING PERFORMANCE UP TO 250 T/H.

- Large 500-litre fuel tank

ALL COMPONENTS ARE SERIAL PRODUCTS AVAILABLE IN THE CZECH REPUBLIC

- The machine complies with all standards for loading and operation on roads
- Full service during and after warranty period

OPTIONAL EQUIPMENT

- Air-condition
- Separate hot-air or hot-water heating
- Built-in colour camera with LCD
- Water tank with pump for rinsing the cleaning segments





**CABIN
VERSION**

**REMOTE-CONTROLLED
WITHOUT CABIN**



Remote control



Zetor Z 1404 engine



Hydraulic unit



Fuel tank



Rear bumper

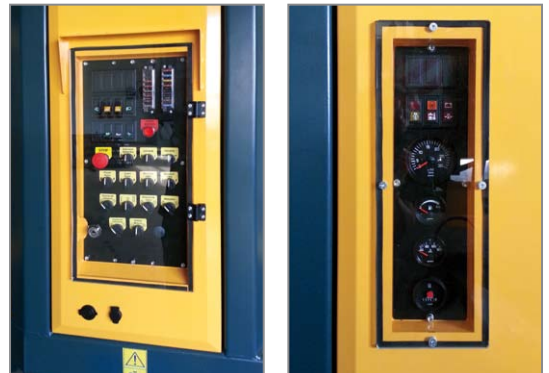


Engine casing



TECHNICAL SPECIFICATION

Indication	Technical data
Total length	10.68m
Total width	3.14m
Total height	3.96m with cabin 3.20m without cabin
Total weight	10,900kg with cabin 10,500kg without cabin
Max. capacity	Up to 250t/h
Driving speed	0–25 km/h
Engine power	84KW/115HP
Tyres	18.4–26 TZ19
Inflated air pressure	3.2 bar
Loading unit	Wheeled loader/excavator
Loading equipment	<ul style="list-style-type: none"> ▣ Front loader beet bucket ▣ Clamshell beet grabber
Loaded beet holder	<ul style="list-style-type: none"> ▣ Chassis frame-mounted trapezoid beet holder, volume 7–11 m³ ▣ Welded bottom made of 35 mm-diameter rounds ▣ Two 12×42 high-strength heat-treated driving chains
Active cleaning stage	<ul style="list-style-type: none"> ▣ 10 three-digit shafts with rubber neps; 1.95 m width ▣ 1 hexagonal rubber transfer roller ▣ 2 flat-steel spiral rollers made of cleaning shafts with reversible action ▣ Front gearing, front wheels and driving shafts run in oil bath – 6 driven spiral rollers made of steel rounds; 2.40m long; in counter-rotating pairs; 2 supporting rakes, reversible action available
Loading belt	▣ 75 mm wide rubber belt – steel rods, steel feeder, 50 mm spacing, 800 mm belt width
Length of crane jib	8.5 m
Loading height	5.5 m
Rotation range	125°
▣ Electric operation via control panel + joystick – cabin version	
▣ Remote wireless operation + control panel – version without cabin	



ENGINEERING



SERVICES



RETAIL

ENGINEERING | MANUFACTURING OF SUGARBEET CLEANERS AND LOADERS | CLEANING AND LOADING SERVICES
MANUFACTURING OF DOCK LEVELLERS | RETAIL

NATURA DK, a.s., Turkova 1338, 504 01 Nový Bydžov, tel.: +420 495 490 373, e-mail: info@naturadk.cz

www.naturadk.cz