



I Application

The compact and robust design of the Kiber NTE pump makes it ideal for transferring whole or destemmed grapes. And due to its design it can be installed right under the destemmer. It also can be used for the process of devatting.

I Operating principle

Friction between the rotor and the stator creates vacuum in the inlet area thereby helping the entry of the product into the pump.

The turning motion of the rotor makes the cavities between the rotor and the stator move forward and transport the product to the outlet.

I Design and features

Highly versatile.

Easy to clean.

Hopper with drain.

Robust construction.

Motor: 3 ph 230/400 V (3 kW), 400/690 V (>3 kW), 50 Hz, IP-55.

Helical-bevel gear units.

Pump mounted on trolley.

EC electric panel with ON/OFF switch, inverter and emergency stop push button.

Standard connection: spherical coupling.

Rotary wheels with brakes.

Red painted RAI3003.

EC control panel with inverter



Level sensor



I Materials

Parts in contact with the media

Lantern

Stator

Packing gland

Surface finish

AISI 304

Carbon steel

NBR (specific composition for this application)

PTFE

blasted

I Options

Liquid detector: Max / Min.

Remote control.

Connections: Garolla, Clamp, Flanges, DIN, etc.

Electromagnetic brakes in motor.

Frequency converter (Control Range).

St.St. control panel.



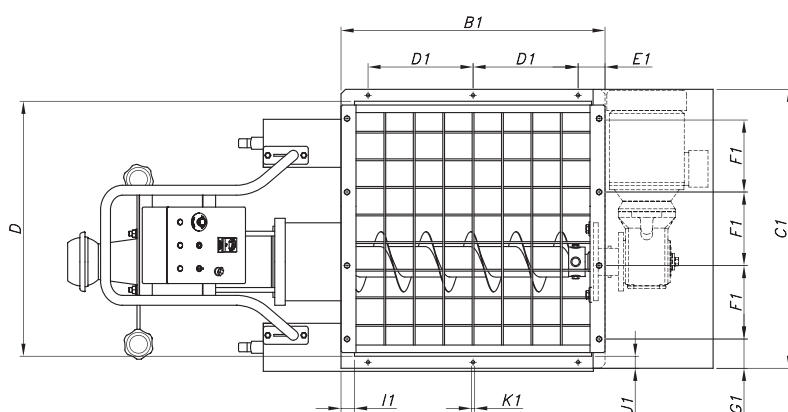
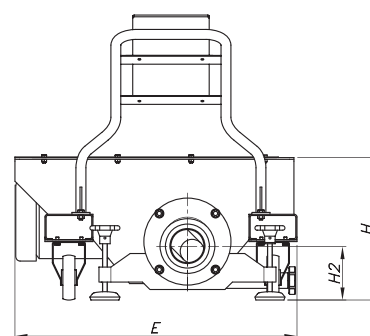
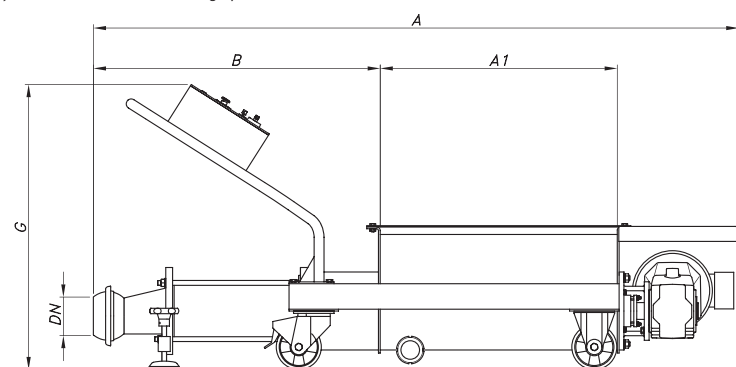
I Technical specifications

Max. flow	90 m ³ /h	396 US GPM
Max. working pressure	6 bar	87 PSI
Max. working temperature	85 °C	185 °F



TYPE	Flow Tn/h ⁽¹⁾	Discharge DN	Speed rpm	Power kW	Weight kg
NTE-60	8/11	100	210	3	190
NTE-80	20/25	120	210	5,5	295
NTE-90	28/36	120	210	7,5	320
NTE-100	40/50	150	210	7,5	345
NTE-120	55/70	150	170	15	570

(1) Nominal flow for destemmed grapes at 2 - 4 bar / 29 - 58 PSI



TYPE	A	A1	B	D	E	G	H	H2	CODE
NTE-60	1710	700	740	750	835	850	340	144	D4005-2521503013
NTE-80	2150	790	955	850	950	950	475	180	D4008-2521005510
NTE-90	2210		1015					170	D4009-2521007510
NTE-100	2255		1060					165	D4010-2521007510
NTE-120	2490		1185	1000	1100			163	D4012-2516515012

TYPE	HOPPER DIMENSIONS								
	B1	C1	D1	E1	F1	G1	I1	J1	K1
NTE-60	790	830	300	95	300	115	45	40	11
NTE-80	880	930	350	90	245	97,5	45	40	11
NTE-90									
NTE-100									
NTE-120	940	1080	350	120	275	127,5	45	40	11

