

T/NT

Thermoforming Granulators

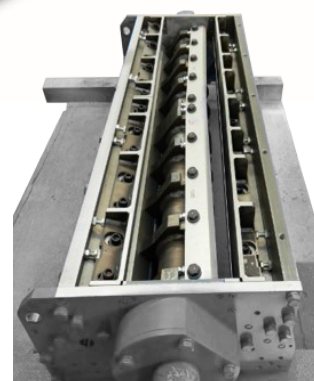
Models:

UDNT25-91
UDNT35-120
UDNT35-140
UDNT35-160
UDXT35-120
UDN40-70-T
UDN40-90-T
UDN45-100-T
UDN45-160-T
UDS60-100-T
UDS60-160-T

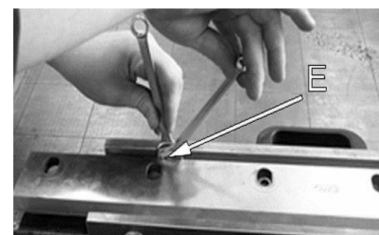


Standard Features:

- Adjustable rotating knives (in lieu of fixed rotating knives), with knife gap adjustment fixture for tightest gap, constant cutting circle and longer knife life;
- Bolt and dowel construction for highest accuracy of assembly for tightest knife gap;
- Tangential cutting system for high cutting angle for most efficient cutting;
- Twin shear rotor design for most efficient cutting;
- Solid flywheel drive sheave and highest efficiency motors;
- Open rotor design for airflow through cutting chamber;
- Scooped rotor for more positive ingestion of bulky parts;
- Reinforced screen cradle allows for thinner screen to be used. Regrind passes more easily through a thinner screen and less likely to plug with regrind;
- Mechanical rotor restraint for safe maintenance;
- Electronic sensor (zero speed sensor) to insure rotor has come to a complete stop before access allowed;
- Safe – safety switches & “Preventa” monitoring device;
- Screw jack assist for easy opening and closing of the feed hopper;
- Hinged screen cradle with removeable and reversible screen; and
- Roll squeeze via pneumatic cylinders on units larger than UDS25-45 (10x18).



Twin shear design



Adjustable rotating knives



Piovan Group

TB-T/TN Thermoforming Granulator

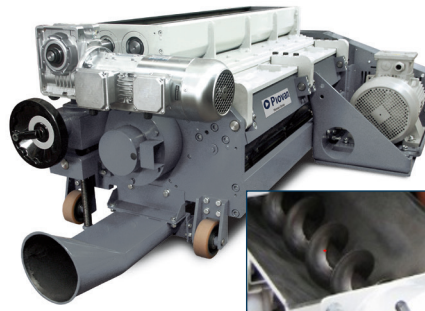
Rev: A

Effective Date: 08/05/2019

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Options:

Special feed hoppers
with feed openings
and roll feed
assemblies



Auger transition bin to evacuate
regrind to blower

- Allows for low profile as normal regrind transition bin would require more height
- Allows for a smaller regrind evacuation blower to be specified

Dimensions & Specifications:

	in / (mm)	Number of Rotating Blades Std. (Optional)	Number of Stationary Blades	Rotor Diameter in / mm	Rotor Speed RPM Std. (Optional)	Motor HP / KW Std. (Optional)	Avg. Throughput lbs/hr / (kg/hr)*
UDN40-70-T	26.77 680	3 (5)	2	16.5 419	450	22 (15 - 30)	775 - 1100 350 - 500
UDN40-90-T	34.25 870	3 (5)	2	16.5 419	450	30 (37)	1100 - 1550 500 - 700
UDN45-100-T	40.94 1040	3 (5)	2	17.7 450	450 (600)	45 (55 - 75)	1325 - 2425 600 - 1100
UDN45-160-T	61.02 1550	3 (5)	2	17.7 450	450 (600)	55 (75)	1985 - 3530 900 - 1600
UDNT25-91	33.86 860	3	2	10.0 254	475	7.5 (11 - 15)	450 - 1100 200 - 500
UDNT35-120	45.67 1160	3	2	14.0 355	500	15 (18.5 - 22)	1100 - 2205 500 - 1000
UDNT35-140	53.54 1360	3	2	14.0 355	500 (600)	15 (18.5 - 22 -33)	1325 - 2650 600 - 1200
UDNT35-160	61.02 1550	3	2	14.0 355	500 (600)	22 (30 - 37)	1435 - 2980 700 - 1400
UDS60-100-T	37.40 950	3 (7)	2	24.0 609	450 (600)	55 (75 - 90)	1545 - 2425 700 - 1100
UDS60-160-T	61.02 1550	3 (7)	2	24.0 609	450 (600)	75 (90 - 110)	2650 - 3970 1200 - 1800
UDXT35-120	45.67 1160	3	2	14.0 355	500	15 (18.5 - 22)	1100 - 2205 5000 -1000

