

**NEW!**

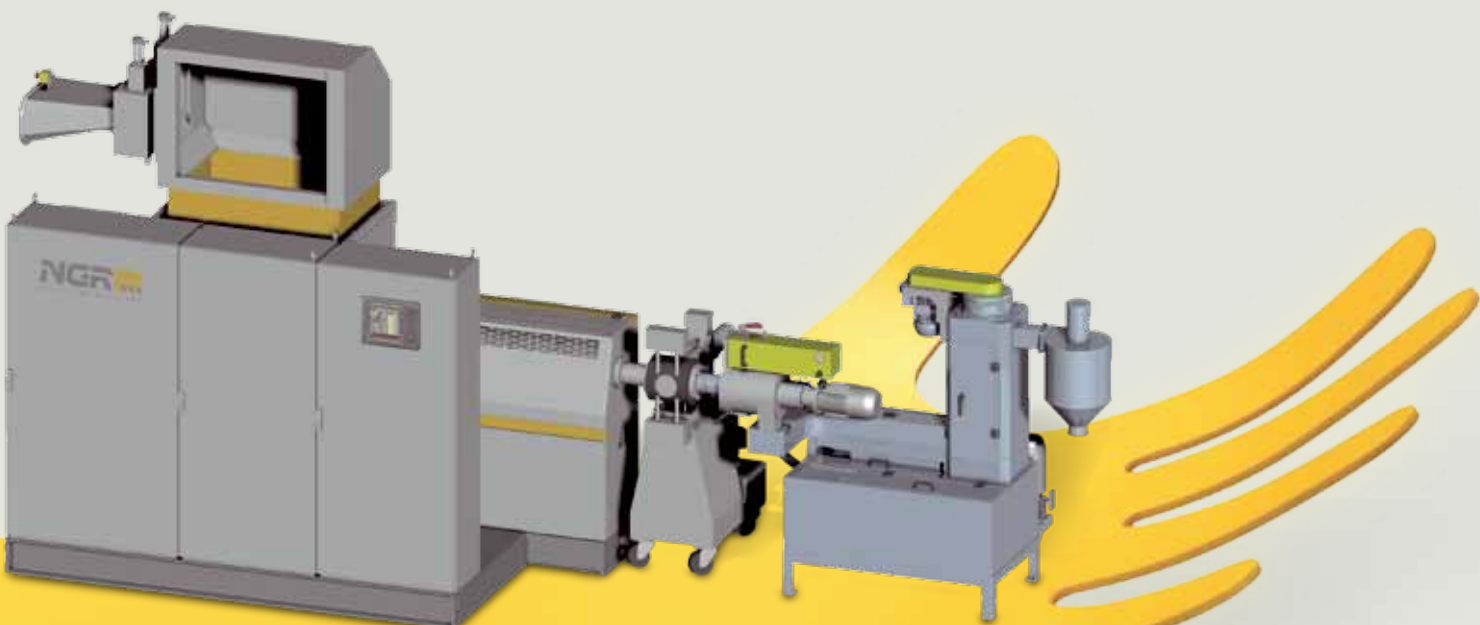
## L:GRAN RECYCLING MACHINE

For in-house, post-industrial scrap applications, such as

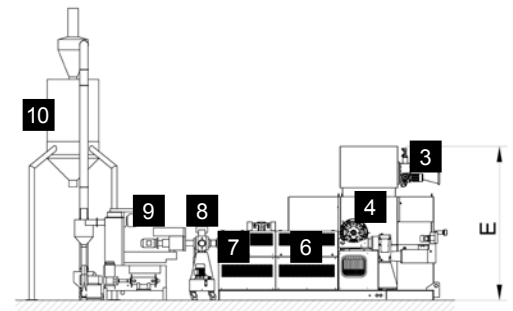
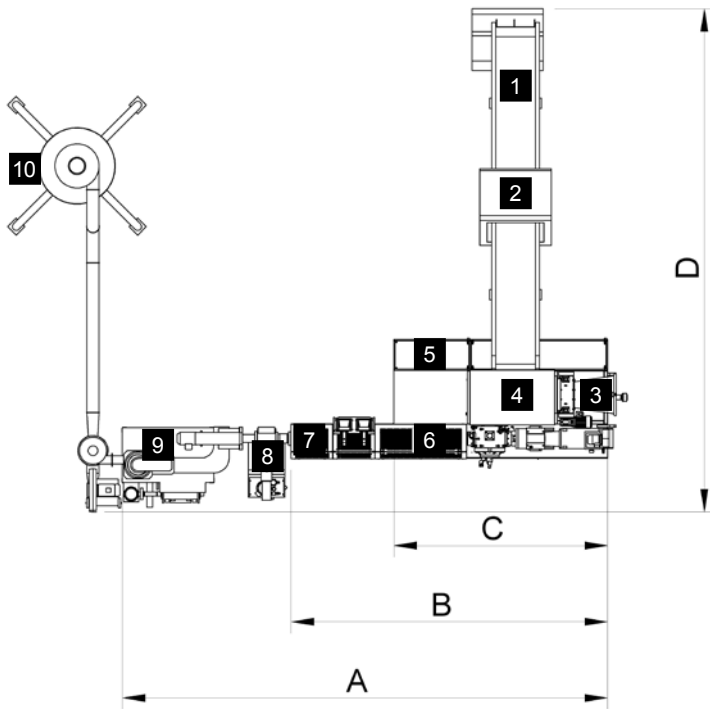
- Film, edge trims from cast or blown film lines, raffia, woven bags, etc.
- With pellet output rates from 100 – 150 kg/h | 220 – 330 lbs/hr

Adapted from the NGR's well proven "ONE-STEP" recycling technology, the new L:GRAN 65 recycling system has been developed as a so-called "light-version" of the highly successful S:GRAN. These new machines are designed for both in-line and off-line applications.

- Due to NGR's **ONE-STEP integrated shredder technology** no preliminary size reduction is required
- **The patented cutter-extruder-combination turns scrap into valuable pellets easily and efficiently**
- **Top pellet quality** due to the gentle extrusion process
- The **uniform pellet size** allows homogeneous mixing with virgin material
- **Simple start-up and shut-down:** immediate restarts after sudden unintended plant stops (e.g. power loss, emergency stops) with filled hopper and extruder screw
- **"Dump and run" mode:** machines can be operated with intermittent operator attention and still get consistent high output rates
- Short payback period due to the excellent output rates in combination with **low operating and energy costs**
- The **highly automated process** reduces operator influence on pellet quality and output rate
- Simple access to wear parts **minimizes downtime**



L:GRAN 65 V HD



- 1 Conveyor
- 2 Metal detector
- 3 Roller intake
- 4 Cutter/feeder
- 5 Operating terminal
- 6 Extruder
- 7 Degassing device
- 8 Melt filter
- 9 Hot die water ring pelletizer
- 10 Cyclone silo combination

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type	L:GRAN 65					
	venting option		Basic	V	VV	AV
output of pellets *)		kg/h / lbs/hr	100-150 / 220-330			
extruder	screw diameter	mm / inch	65 / 2,56			
	screw length	L/D	26	37	53	49
dimensions	A	m / inch	5,3 / 208	6,1 / 239	7,2 / 282	6,9 / 272
	B	m / inch	3,1 / 120	3,8 / 151	5,0 / 195	4,7 / 185
	C	m / inch	2,8 / 111			
	D	m / inch	6,6 / 260			
	E	m / inch	3,0 / 117			

\*) output for LDPE according NGR standards, material and form. Values are "up to"

**standard execution:**

Basic ... short screw without venting

**additional options:**

- Variable screw speed with frequency converter
- V ... single vacuum venting
- VV ... double vacuum venting
- AV ... atmospheric venting plus vacuum venting

WE TAKE CARE  
OF YOUR PLASTIC WASTE

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