

**NEW!**  
NEXT GENERATION  
S:GRAN SERIES

## S:GRAN 95 RECYCLING MACHINE

As a state-of-the-art organization, NGR announces the latest step in the ongoing development of the S:GRAN series recycling machine – beginning with the S:GRAN 95 model, significant modifications have been incorporated into the basic design of the machine.

These new enhancements offer many significant improvements:

- Higher overall process stability
- Reduction of noise due to optimized direct drives
- Operation now even easier

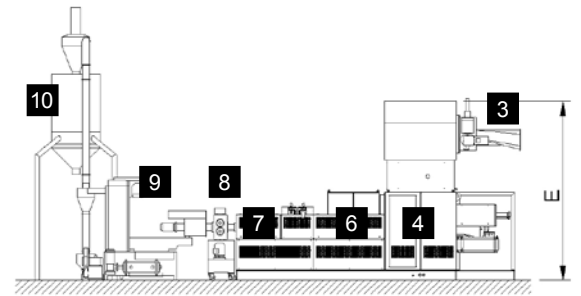
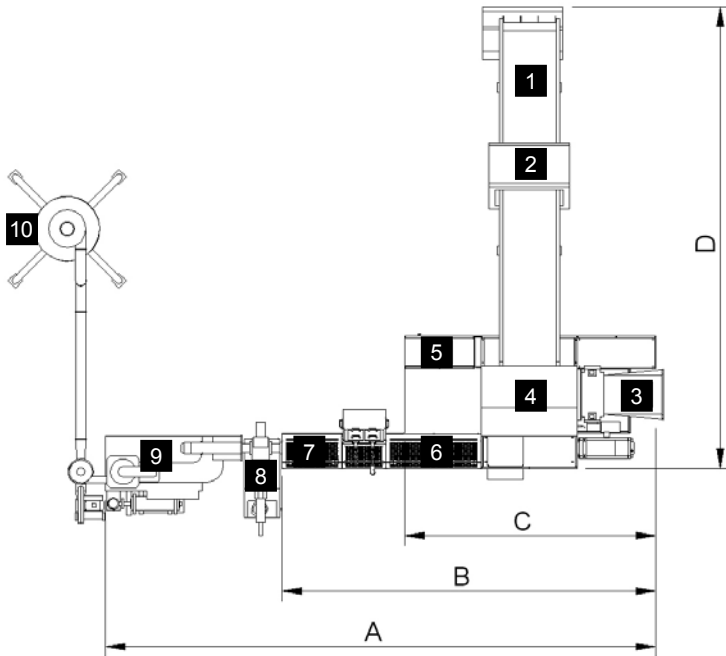
Our new S:GRAN recycling machines have particularly **low carbon footprint** and therefore are very gentle on resources. **Low power consumption** in combination with low operating costs and high output rates makes them one of the most ecologically friendly recycling machines on the market.

The newly enhanced S:GRAN machines are very user friendly and process reliable and are suitable for a wide range of applications.

- Well proven on **bioplastics**: gentle shredding and extrusion processes ensure minimum degradation
- **More energy efficient** due to the use of the latest technology in drive units
- **Higher, more consistent output rates** due to improved transfer of material from the integrated shredder into the extruder
- **Smaller footprint** due to the compact design
- Even more **user friendly**: easy operation via standard 17" touch screen operator terminal
- Shredder **more accessible** for easier cleanouts and faster material changeovers
- **Simplified adjustment** of the stationary shredder-knives
- **Fully automated**: now featuring "single button" start-ups and shut-downs



S:GRAN 95 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	venting option	S:GRAN 95			
		Basic	V	VV	AV
output of pellets *)		500 / 1.100			
extruder	screw diameter	mm / inch	95 / 3,7		
	screw length	L/D	26	37	53   49
dimensions	A	m / inch	7,4 / 291	8,5 / 333	10,1 / 396   9,7 / 382
	B	m / inch	4,6 / 181	5,8 / 226	7,4 / 289   7,0 / 274
	C	m / inch	3,9 / 152		
	D	m / inch	7,4 / 289		
	E	m / inch	3,7 / 146		

\*) 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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