

Efficient inline and offline recycling solutions for all plastics processors.

EREMAGROUP®

PLASMACH

ALPHA

Inline Recycling Systems

Efficient inline recycling system in the market developed in partnership between Erema and Plasmach.



Rapid Return on Investment

- Return on investment in as little as 6 months
- Minimal energy used - lower running costs
- Minimize operator interaction
- Reduced material costs - recycle ALL scrap straight back into the blender

High Quality Pellet Production

- Due to the Short Screw Technology (SST) the Alpha ensures there is low shear, low processing temperatures & minimal process dwell time = the absolute minimal material degradation and gel formation

Circular Economy

- Perfect for in-line trim recycling - all scrap material goes back into the product
- No material lost to the surrounding environment, in-line means you close the loop
- No material sent offsite, no cross contamination of your product, zero losses - at minimal kW cost

Small Footprint

- Due to the SST, the Alpha takes up very little floor space
- Can be installed in even the smallest of spaces, and the most congested of extrusion halls

Range of Options

- Choices of air or water pelletizer dependent on materials or output being run
- Trims fed in via the trim basket, scrap reels reprocessed via the reel feed - the Alpha is capable of feeding both products simultaneously into the extruder
- Flake feeder options for feeding flakes and chips for all molding and extrusion processes
- Options to fit **MGF Gravimetric Feeder** plus **WSB Gravimetric Blender** for additives or fillers

OMEGA

Offline Recycling Systems

Shredder and extruder combination for inline and offline recycling for larger throughputs. Ideal for lumps, reels, loose and bales. Developed in partnership between Erema and Plasmach.



Rapid Return on Investment

- Return on investment in as little as 6 months
- Minimal energy used - lower running costs
- Minimize operator interaction
- Reduced material costs - recycle ALL scrap straight back into the blender

High Quality Pellet Production

- Due to the Short Screw Technology (SST) the Omega ensures there is low shear, low processing temperatures & minimal process dwell time = the absolute minimal material degradation and gel formation

Circular Economy

- Perfect for high speed or high output in-line trim recycling, all scrap material goes back into the product
- Recycle all your scrap material including start-up scrap, lumps, loose, reels, fabrics, ensuring no material is lost to the surrounding environment
- No material sent offsite, no cross contamination of your product, zero losses - at minimal kW cost

Minimal Maintenance

- No water cooling of rotor or transfer system needed
- Manual or automatic systems available - for use with reels and flake

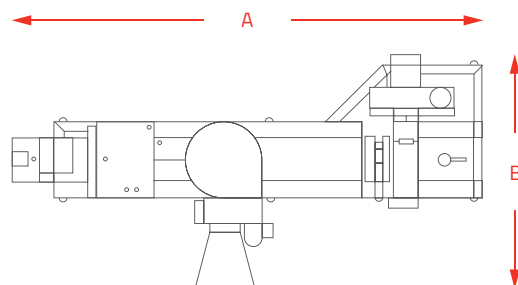
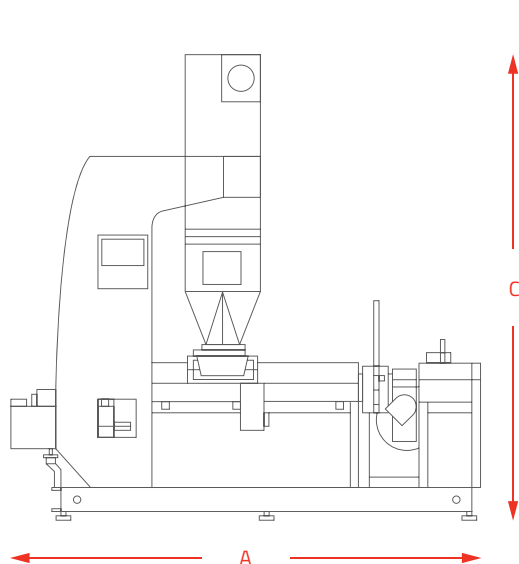
Two Stage Process

- **Step 1:** Shred all type of materials. Shredder design minimizes dust formation and heat to ensure better quality recycled material
- **Step 2:** Shredded material directly fed into the extruder and pelletized into a high quality pellet at the lowest energy cost possible

Range of Options

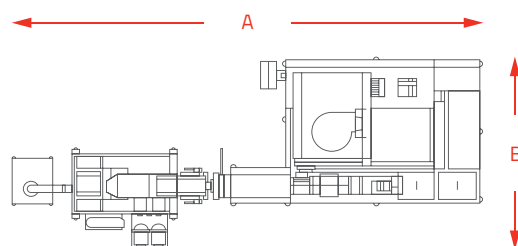
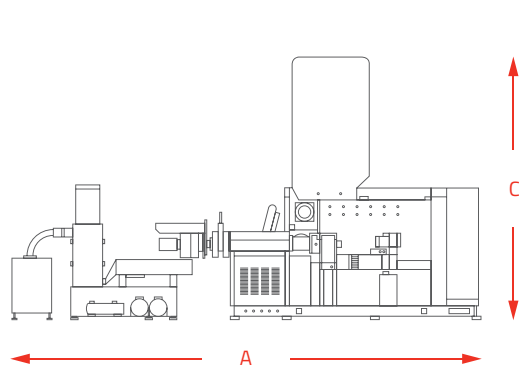
- Choices of air or water pelletizer dependent on materials or output being run
- Can be fed via an elevator with integral metal detector, reel feed, trim basket or hand fed
- Flake feeder options for feeding flakes and chips for all molding and extrusion processes
- Options to fit **MGF Gravimetric Feeder** plus **WSB Gravimetric Blender** for additives or fillers
- Pellet detection systems to alert operator if any issues

Alpha Dimensions



Model	Throughput*		Motor		Floor Space		A		B		C		Weight**	
	lb/hr	kg/hr	W	kW	ft²	m²	in	mm	in	mm	in	mm	lb	kg
35 AC	55	25	7500	7.5	22.7	2.11	90.5	2300	36.2	920	110.2	2800	1212	550
40 AC	77	35	11000	11	23.7	2.20	94.5	2400	36.2	920	110.2	2800	1279	580
45 AC	99	45	11000	11	23.7	2.20	94.5	2400	36.2	920	110.2	2800	1433	650
50 AC	121	55	15000	15	26.7	2.48	106.3	2700	36.2	920	110.2	2800	1874	850
60 AC	165	75	15000	15	26.7	2.48	106.3	2700	36.2	920	110.2	2800	2425	1100
60E AC	198	90	18500	18.5	28.7	2.67	112.2	2850	36.2	920	118.1	3000	2425	1100
70 AC	287	130	30000	30	31.6	2.94	118.1	3000	37.4	950	118.1	3000	2866	1300
80 AC	397	180	37000	37	58.7	5.46	165.4	4200	51.2	1300	118.1	3000	3197	1450

Omega Dimensions



Model	Throughput*		Motor		Floor Space		A		B		C		Weight**	
	lb/hr	kg/hr	W	kW	ft²	m²	in	mm	in	mm	in	mm	lb	kg
ECO	264	120	18500	18.5	67.8	6.3	230.7	5860	96.1	2440	128.4	3273	9811	4445
150	330	150	29000	29	68.8	6.4	234.7	5960	96.1	2440	128.4	3273	10053	4560
180	397	180	37000	37	70	6.5	238.4	6050	96.1	2440	128.4	3273	10252	4650
250	551	250	46000	46	71	6.6	242.5	6160	96.1	2440	128.4	3273	10538	4780

* Depends on the type and the format of the material

** Depends on the installed accessories

Maguire reserves the right to cancel product or change product, product specifications and data without notice to improve reliability, function, design or otherwise.

[@MaguireProducts](#) | [in Maguire-Products](#) | [MaguireProducts](#) | info@maguire.com | www.maguire.com

USA Toll Free: +1 888 459 2412 | CANADA: +1 905 879 1100 | EUROPE: +44 1827 338 280 | ASIA: +65 68487117 | IMEA: +971 4 881 6700 | TAIWAN: +886 4 2658 1535