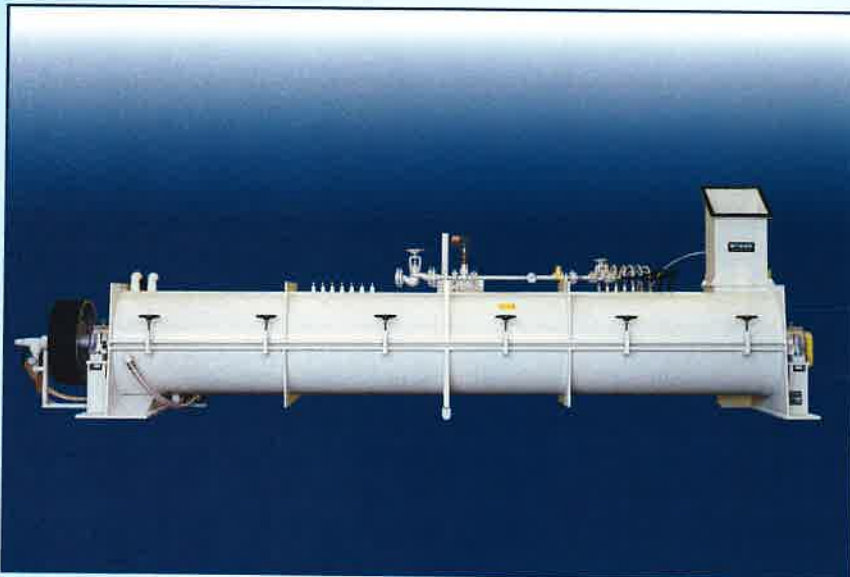


# IPL BLENDERS

## High-tech gluing process



Low-speed long-mixing high-tech gluing process

### Introduction

Conventional high-speed blenders refine large particles and immediately centrifuge out the over-glued fines. Only few seconds of mixing aggravates this physical state and prevents glue from spreading evenly. The fine particles result over-glued and large particles under-glued.

### IPL blenders

The new generation IPL blenders feature large chambers that offer a low-speed long-mixing process for glued particles. This results in minimum fines centrifuging and extremely even glue spreading over all particle fractions. The BCU electronic-pneumatic unit for discharge flow adjustment (intensity and mixing time control) enables greatly improved, constant mixing.

### Exceptional results

1. Soft mixing avoids particle breakage
2. Low speed avoids wearing out the blender chambers
3. Glue evenly spread over all particle fractions
4. Mixing intensity-time is constantly controlled by BCU microprocessor
5. All the mixing chambers are made in special highly wear-proof and chemical-proof stainless steel
6. The new mixing-spray nozzles keep clean for a very long time and moreover enable the elimination of static mixers
7. All the parts that come into contact with the glue are cooled by means of water circulation and, due to the low-speed mixing, always remain clean.
8. Guaranteed 5-20% more glue saving compared with conventional high-speed blenders

### Options

- BCU : Microprocessor control- gate device  
PANZER: Tungsten- carbide-coated wear-proof chamber that glues even extremely abrasive particles  
S : Safety switch for main motor, according to EC safety standards

### Production range

Our exceptional range includes conventional IPV medium-speed blenders and RF fiber blenders. More than 1000 blenders are currently in use throughout the world. Please contact us for any further information and reference lists.



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# IMAL

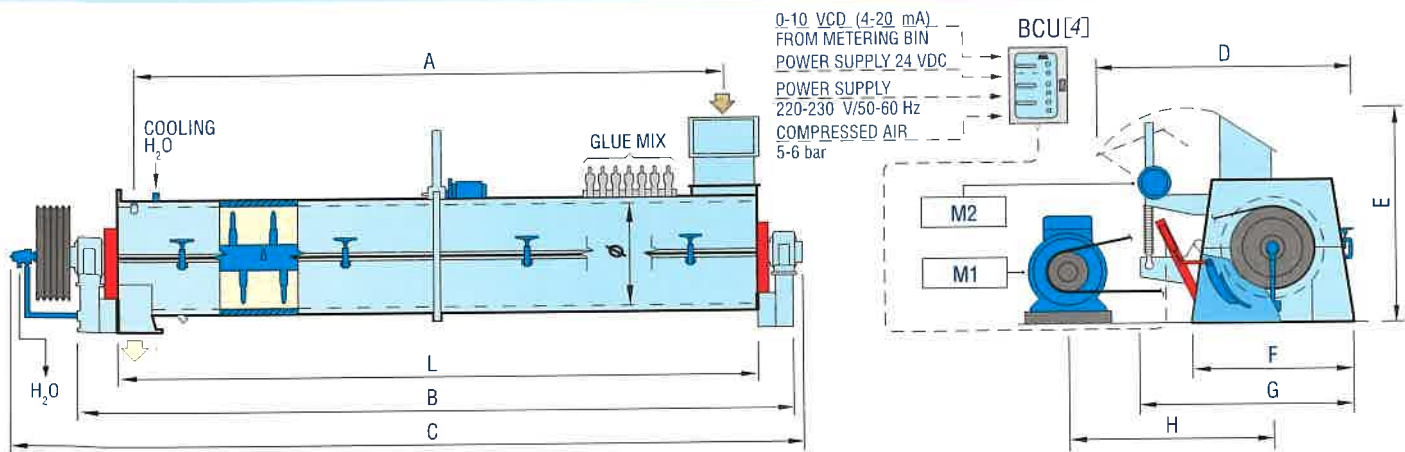
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# Perfect.

# IPL BLENDEERS

## PERFORMANCE

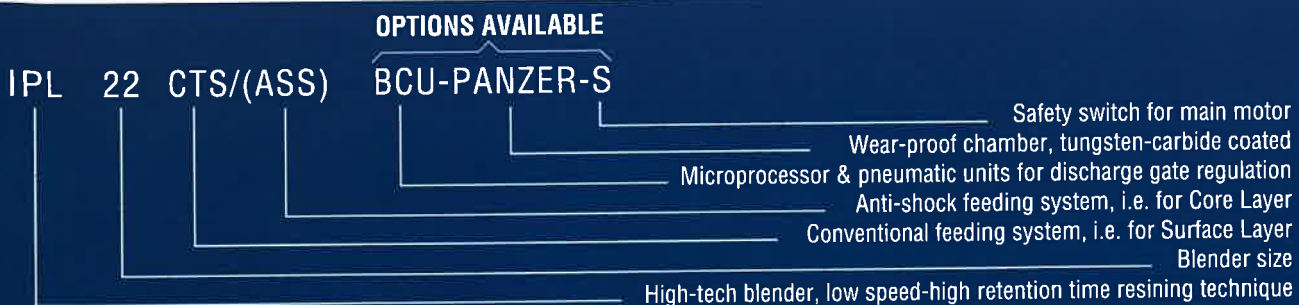
MODEL	MIX CAPACITY particles t/h	CHAMBER		COOLING $\Delta t$ 5°C [1]		COOLING $\Delta t$ 7°C [2]		[3]
		$\varnothing \times L$ mm	VOLUME l	l/h	kCal/h	l/h	kCal/h	bar
IPL 4	0,6 - 4,0	480 x 2500	452	4320	21150	4320	29610	2,5
IPL 6	1,0 - 6,0	530 x 3500	772	7900	39500	7900	55300	
IPL 8	1,5 - 8,0	600 x 3000	847	6950	34750	6950	48650	
IPL 10	2,0 - 10,0	700 x 3000	1154	8100	40500	8100	56700	
IPL 12	2,5 - 12,0	700 x 3500	1350	9580	47900	9580	67060	
IPL 15	3,0 - 15,0	800 x 4000	2010	12260	61300	12260	85820	
IPL 22	3,5 - 22,0	850 x 4500	2552	16100	80500	16100	112700	
IPL 30	4,0 - 30,0	900 x 5000	3179	20420	102100	20420	142940	
IPL 40	6,0 - 40,0	900 x 6000	3815	24500	122500	24500	171500	
IPL 50	10,0 - 50,0	1200 x 6000	6782	32600	163000	32600	228200	



## FOR SL-CL PARTICLES

MODEL	OVERALL DIMENSION mm								INSTALLED POWER kW/Poles		WEIGHT kg approx.
	A	B	C	D	E	F	G	H $\pm$ 50mm	M1 (AC)	M2 (AC)	
IPL 4	2175	3060	3600	1455	1225	870	1200	1282	45/4	2,2/4	2700
IPL 6	3165	4140	4650	1610	1435	900	1360	1368	55- 75/4	2,2/4	4300
IPL 8	2625	3597	4410	1785	1493	1000	1400	1504	55- 75/4	2,2/4	3500
IPL 10	2625	3597	4410	1785	1543	1100	1450	1596	55- 75/4	2,2/4	3700
IPL 12	3125	4097	4950	1785	1543	1100	1450	1596	75- 90/4	2,2/4	4300
IPL 15	3625	4610	5220	1995	1746	1200	1543	1628	75- 90/4	2,2/4	4750
IPL 22	4100	5100	6080	2234	1870	1280	1690	1561	90- 110/6	2,2/4	5900
IPL 30	4600	5600	6580	2430	2131	1350	1780	1678	110- 132/6	2,2/4	7150
IPL 40	5600	6600	7200	2430	2131	1350	1780	1669	132- 160/6	2,2/4	7350
IPL 50	5450	6700	7590	2920	2498	1600	2030	1548	160- 200/6	4,0/4	11500

## READING KEY



Pls select your machine. All layouts available at any time.

[1] Particles temperature  $\leq$  45°C  
 [2] Particles temperature  $\leq$  65°C  
 [3] Water pressure drop.  
 [4] BCU microprocessor as option.

Not binding data.  
 We reserve the right of modification at any time without prior notice.