

# INLINE PRE-CONCENTRATION

## TECHNICAL SPECIFICATIONS

		MODEL		
	Units	IPJ2400	IPJ1500	IPJ1000
Length	mm	2500	1800	1400
Height	mm	3200	2500	2105
Width	mm	2500	1800	1400
Maximum feed rate	m <sup>3</sup> /h	200	100	60
Maximum feed rate	tph	80	40	15
Feed % solids	%	20 - 75	20 - 75	20 - 75
Maximum particle size	mm	25	25	25
Concentrate mass yield	%	1 - 30	1 - 30	1 - 30
Maximum operating pressure	Kpa	200	200	200
Operating pressure (suggested)	Kpa	40-150	40-150	40-150
Typical hutch water requirements	m <sup>3</sup> /h	25 - 70	15 - 50	7 - 30
Minimum water supply pressure	Kpa	350	350	350
Instrument air supply		Instrument air quality @ 600 kPa		
Screen aperture	mm	4 - 30	4 - 30	4 - 30
Ragging type		Ceramot		
S.G		2.2 - 5.6	2.2 - 5.6	2.2 - 5.6
Size of ragging	mm	8 - 40	8 - 40	8 - 40
Layers		1 - 3	1 - 3	1 - 3
Pulse frequency	cpm	60 - 180	60 - 180	60 - 180
Maximum stoke length	mm	25 - 50	25 - 50	25
Pulse waveform		Sawtooth		
Installed power	kW	4	2.2	1.5
Supply voltage	voltage	3 phase		
Total mass empty	Kg	4100	2000	1800
Mass of lid	Kg	1250	650	550
Sanded mass @ s.G. 2.6	Kg	17100	6160	4400

# IPJ CROSS SECTION

High efficiency pressurised design pre-concentrates diamond feed for as little as **US\$ 0.05 per ton operating cost**

Lockable inspection hatches for **High Security**

Unique ragging for **Sharper Cut Points**

Single hydraulic cylinder for **High Availability**

