



# INLINE LEACH REACTOR

CONTINUOUS

## TECHNICAL SPECIFICATIONS

		MODEL			
	Unit	3000C	5000C	10000C	20000C
Length	mm	8852	10387	12583	12583
Height	mm	6739	2544	8928	8928
Width	mm	2452	2450	6040	13580
Mass of resident load @ 3.6 S.G.	kg	7040	12660	25320	50640
ILR feed cone	m <sup>3</sup>	6.38	6.38	6.38	34.9
Instrument air supply		Instrument air quality @ 600kPa			
Total installed power	kW	13	20.5	37	2 x 37
Drum installed power	kW	5.5	7.5 + 5.5	2x(7.5 + 5.5)	4x(7.5 + 5.5)
Pump installed power	kW	7.5	7.5	11	2 x 11
Supply voltage	Voltage	3 phase	3 phase	3 phase	3 phase
Total mass	kg	14000	20500	41000	82000
Total sanded mass @ s.G. 3.6	kg	28630	38780	69060	167720
Mass of heaviest item	kg	11000	17000	17000	17000
<b>PREGNANT SOLUTION</b>					
Flow rate	t/hr	1-20	5-10	5-10	5-10
Gold loading	g/t	50-3000	50-3000	50-3000	50-3000
Oxygen levels	ppm (DO)	3-30	3-30	3-30	3-30
Typical cyanide solution grade	%	2	2	2	2
Caustic	%	0-3	0-3	0-3	0-3
<b>DRUM</b>					
Length	mm	4795	8238	7900	7900
Diameter	mm	1778	1778	1778	1778
Speed	rpm	~2	~2	~2	~2
Usable volume	m <sup>3</sup>	4.27	6.99	13.99	27.98

# CONTINUOUS ILR FLOWSHEET

