



INLINE LEACH REACTOR

CONTINUOUS

TECHNICAL SPECIFICATIONS

	Unit	MODEL			
		ILR3000C	ILR5000C	ILR10000C	ILR20000C
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 ³	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
PREGNANT SOLUTION					
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
DRUM					
Length	mm	4795	8238	7900	7900
Diameter	mm	1778	1778	1778	1778
Speed	rpm	~2	~2	~2	~2
Usable volume	m ³	4.27	6.99	13.99	27.98

CONTINUOUS ILR FLOWSHEET

