

IRL56

## **Gratt Centrifugal Decanters**

[www.gratt.com.br](http://www.gratt.com.br)

Capinzal, March, 3rd, 2009

From: Gratt Industries  
To: Cooperativa Lar  
Matelândia -PR  
Email: [ansberto@lar.ind.br](mailto:ansberto@lar.ind.br)

Estimated Ansberto:

We are glad to present you our technical/commercial proposal for the supply of a complete Effluent Treatment Plant, for your perusal

Primary treatment;  
Secondary treatment;  
Tertiary treatment;  
Reuse of water;

We are at your disposal for any additional clarification.

Att;

Everton Gratt  
Business Director  
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CNPJ 03.620.220/0001-06 IE 253.992.389*

### Generatl Sale Conditions

<b>Primary Treatment System</b>		
Flotation tank	450,000	
Three phase decanter	540,000	
Coagulation tank	9,000	
Heliycoidal pump	42,000	
Surface aerators (10CV)	36,000	
Gear pumps	7,000	
Liquid collecting tank	8,000	
Transport screw type 1	34,000	
Transport screw type 2	18,000	
Trnasport screw type 3	16,000	
Control panel	27,000	
Workforce	44,000	
Warming tank	64,000	
<b>Total</b>	<b>1,295,000</b>	
<b>Secondary Treatment System</b>		
Scraper bridge	307,000	
Helycoidal pump	9,000	
Control panel	24,000	
Surface aerators (10CV)	120,000	
Centrifugal pumps (10m3/h)	9,600	
<b>Total</b>	<b>469,600</b>	
<b>Tertiary Treatment System</b>		
Polishing filters	421,000	
Control panel	26,700	
Centrifugal pumps (350m3/h)	52,000	
<b>Total</b>	<b>499,700</b>	
<b>Water Reuse</b>		
Steriliser	279,000	
Water reuse system	1,279,000	
<b>Total</b>	<b>1,558,000</b>	