



# INFINITE BRIQUETTING PLANTS

## Superior Reliability

- High quality in design, components & manufacturing
  - Superior design for lesser shock load and vibration
  - Forged US LII tested crankshaft
  - High quality, tested materials for bearing
  - Best quality sub components for trouble free continuous operation
  - High performance integrated oil cooling & pumping unit with zero leakage
  - Factory tested system
- Every machine is factory tested on full load before dispatch

## Simple operation

- Operator friendly design
  - "Total" control panel for highest degree of control and protection
  - Ergonomic & compact design for hassle free operation
- Simple and Uncomplicated standard operations

## Simple and Low cost maintenance

- Longer service intervals
- Service friendly design for quick & easy maintenance
- Lowest cost & longer life wear parts
- Quickest wear part replacement time

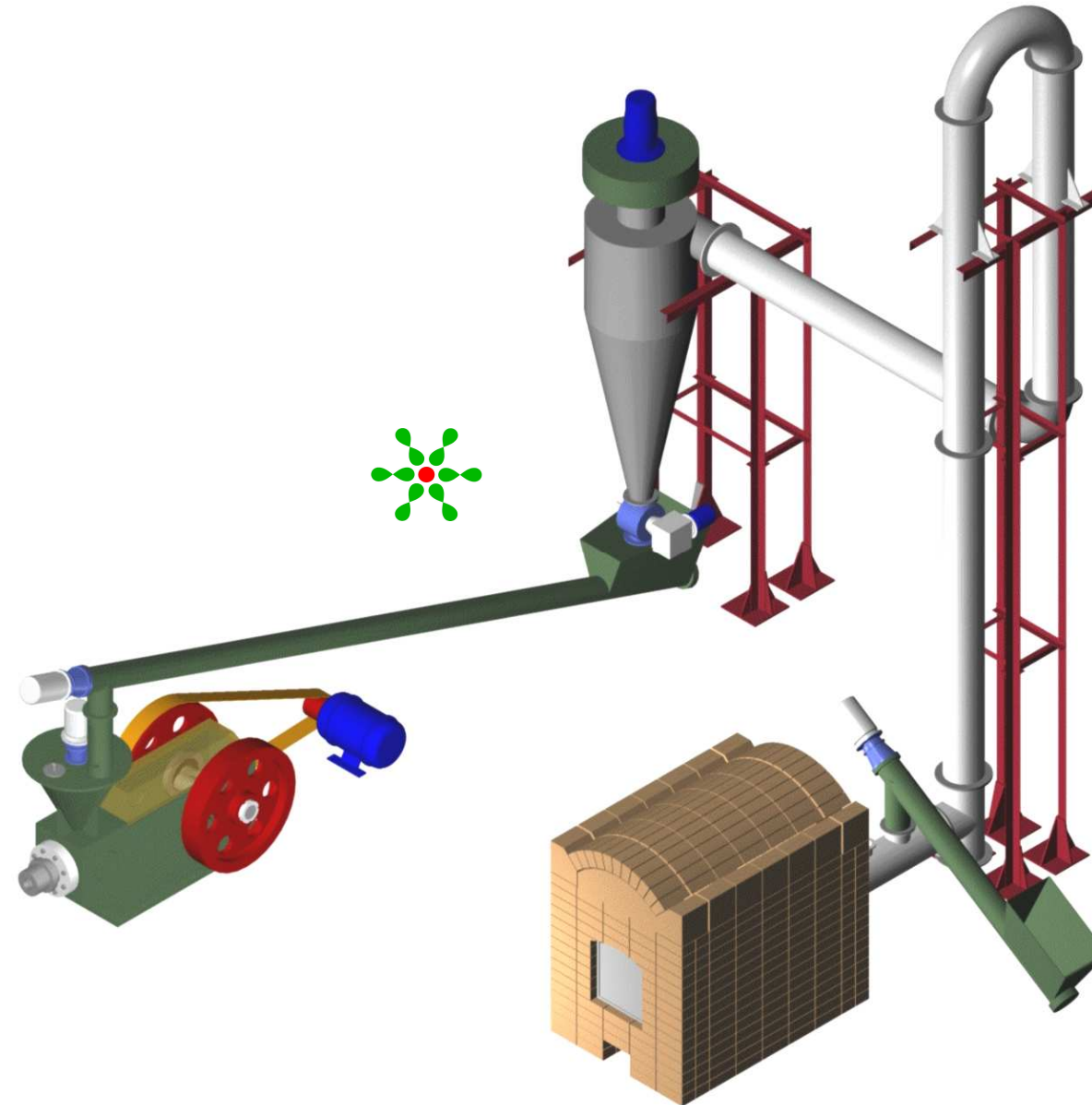
## Compact & Complete

- Compact system ( 3.2m x 0.75 m x 1.5 m)
- Mono bloc design for oil pump and all small drives
- Engineered customer specific layout for reduced manpower and better process flow control.
- Factory assembled system with zero onsite installation requirement

## Lowest Power Requirement

- Energy Efficient design for least power consumption
- Lesser connected loads

Highest operating load factor



## High Performance dryer

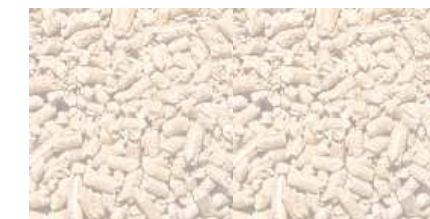
- High quality in design, components & manufacturing
- Flexi design dryer capable of wide input moisture variation from 15% - 45%
- Two chamber furnace design for maximum efficiency and minimum spark carry over
- Only dryer with spark arrestor for maximum fire safety
- Fine moisture control capability
- Thicker dryer columns for longer life
- Superior insulation for high thermal efficiency
- Backward curved radial blower for maximum efficiency and longer impeller life
- High efficiency cyclone for minimum pollution and material loss

## Warranty & Service

- One year warranty with free service
- Dedicated engineering team for quick & effective service

## Firsts & Bests

- First manufacturer with technology to briquette 100% coir pith
- First manufacturer with technology to briquette 100% rice husk
- Only manufacturer with technology to briquette wax impregnated saw dust
- Only manufacturer with technology dies for high strength biomass pellets for gasifier application
- Best (lowest) specific energy consumption





## INFINITE IMPACT BRIQUETTERS

S No.	SPECIFICATION	MODELS		
		INFINITE-IB-125	INFINITE-IB-600	INFINITE-IB-1000
1.	Machine Output (kg/h)	100-125	500-750	850-1200
2.	Displacement (m <sup>3</sup> /hr)	2.71	7.64	13.45
3.	Max Pressure (kg/cm <sup>2</sup> )	1500	1500	1500
4.	Stroke (mm)	120	150	190
5.	Speed (RPM)	300	300	180
6.	Briquette Diameter ( mm)	35	60	90
7.	Connected Loads (hp)	10.5	33.5	63.5
	Main Motor	10	30	60
	Oil Pump	0.5	0.5	0.5
	Feeder	-	1	1
	Conveyor	-	2	2
8.	Oil Cooling (Heat X area)	-	.64 m <sup>2</sup>	Heat X with 1.2 m <sup>2</sup> area
9.	Overall Dimensions (l m x b m x h m)	1 x .4 x.7	1.6 x .6 x 1	2000 (l) x 750 (w) x 1400 (h)
10.	Power Consumption kW	6-8 (max)	17-21 (max)	32-27 (max)

**Note** As a result of continuous research and developments, the specifications and design features of the machine are subject to change from time to time.

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