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**PLANTATION RESOURCES ENTERPRISE PTE LTD**

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**Roller Dryer,  
 03 Decks with 16 Heating + 02 Cooling Sections  
 Model: RD – 3 – 16 + 2 - XY**



*Photo for Illustration Purpose Only*

***Specifications: -***

Working Width of Dryer	2800mm
Working Decks	03
Length of Heating Sections	16 x 2,000 = 32,000 mm
Length of Cooling Sections	2 x 2,000 = 4,000 mm
Centre to Centre of Rollers / Roller Diameter	333 mm / Ø 100
Transverse Speed	1.5 ~ 15 m/min
Energy Consumption	3,000,000 kCal/hr
Heating Medium	Thermal Oil or Steam
Average density of Veneer	550 ~ 650 kg/m <sup>3</sup>
Green Veneer moisture content, input	80%
Dried Veneer moisture content, output	8 +/- 2%
Drying Temp	150 ~170 deg Celsius
Veneer Thickness Range	1.7 ~ 4.0 mm
Working Capacity	80%
Drying Capacity	3.5 ~ 5.0 m <sup>3</sup> /h
Total Power	231 kw
a) Power for Transportation	3 x 11 = 33 kw
b) Power for Heating	16 x 11= 176 kw
c) Power for Cooling	2 x (4 + 3) = 14 kw
d) Power for Exhaust Fan	2 x 4 = 8 kw
Overall Dimension	Est 41,000 x 5,200 x 4,010 mm
Weight	Est 98,000 kg

**Note: Technical specification subjected to change without prior notice.**