# The \*\*\*\*\* Wither WIZARD

The world's first & most advanced Automated Continuous Withering System











The innovative new launch from TIG



Range of Withering Machines

#### THE WORLD'S FIRST & MOST ADVANCED AUTOMATED CONTINUOUS WITHERING SYSTEM

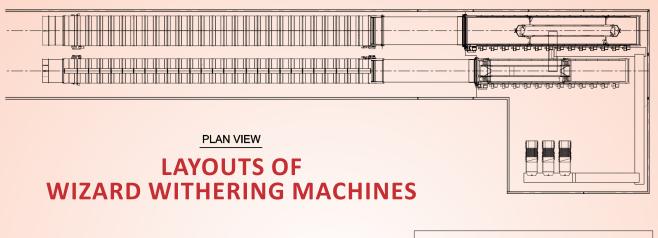
WIZARD Automatic Continuous Withering Machine has transformed traditional Withering practices.

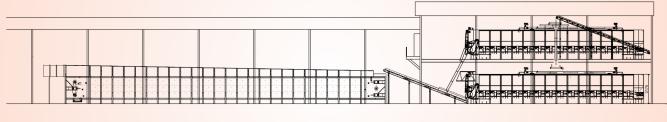
WIZARD converts batch process of Tea to continuous process by incorporating Chemical and Physical Withering in two stages.

The machines have conveyorised Leaf Feed and Leaf discharge arrangement.

#### **SALIENT FEATURES**

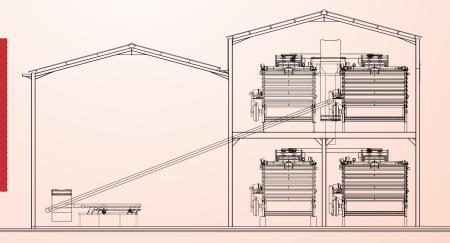
- Area needed is 50% less compared to troughs
- Power requirement half of conventional method
- · Low cost of withering
- Consistent wither percentages in spite of varying ambient conditions
- Leaf damage and wastage totally eliminated.
- Labour cost and involvement almost zero





**ELEVATION** 

- Consistent Withering
- 60% Power Savings
- Just 5 Workers for 30000 kgs/G.L.
- Covers only 30% Footprint Area

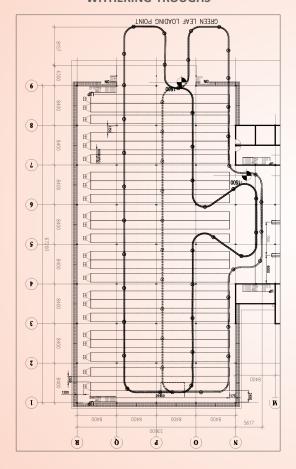




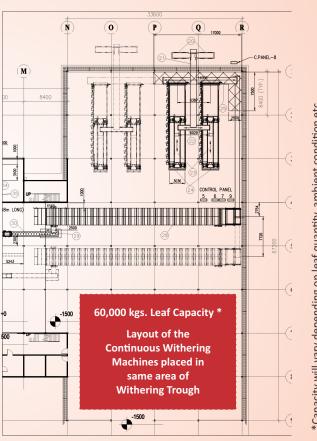
### **ADVANTAGES OF WIZARD**

| DESCRIPTION             | CONVENTIONAL<br>TROUGHS     | THE WIZARD                    |
|-------------------------|-----------------------------|-------------------------------|
| Quality of withering    | Sometimes uneven withering  | Always consitant withering    |
| Space                   | Standard area               | 1/3 of standard area          |
| Building construction   | Heavy and expensive         | Light and much less expensive |
| Power                   | Standard units              | 40% of standard units         |
| Labour                  | Standard requirement        | 15% of standard requirement   |
| Spreading               | Manual                      | Automatic                     |
| Shuffling               | Manual                      | Automatic                     |
| Spillage                | Large                       | None                          |
| Leaf damage/wastage     | Yes                         | Nil                           |
| Supervision and control | Multi station and difficult | Single point and easy         |
| Quality of tea          | Inconsistent                | Absolutely consistent         |
| Maintenance             | Constant and expensive      | Periodic and less expensive   |
| Feed & Discharge        | Manual                      | Conveyorized                  |

#### LAYOUT OF CONVENTIONAL WITHERING TROUGHS



#### LAYOUT WITH WIZARD WITHERING MACHINES



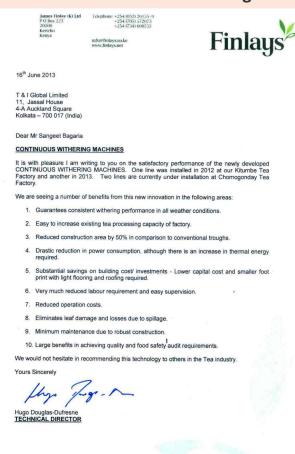
\*Capacity will vary depending on leaf quantity, ambient condition etc



## Range of Withering Machines



# **Delighted users of WIZARD**





T&I GLOBAL LTD 11 JASSAL HOUSE 4A AUCKLAND SQ KOLKATA-700 017 INDIA

Dear: Mr. Bagaria,

On behalf of Emrok Tea Factory I would like to express our gratitude and appreciation for your two engineers who were in charge of installating and commissioning T & I Global machines at our plant. Their attitude, drive, determinations and dedications to their work has provided us with an excellent service. Their attitude and attention to detail in their work has been a valuable experience to our employees especially in the installation of the newly invent technology in the withering area, the CCW and CCP machines. We would also like to mention that we have started seeing the benefits of this technology as stated by your organization in cost saving in power and labor and consistency in withered leaf.

We look forward to this cooperation and work relationship as we embark on the installing the second line of production. Thank you.

Robert Keter

Sincerely.

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EMROK TEA FACTORY EPZ LTD P.O. BOX 47 -30301 NANDI HILLS TEL+254 20-2676438



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T & I Global Ltd.

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