



T & I Pvt. Ltd.

DYNAM[®]

Fully Automatic Milling Machine



EXCLUSIVE ENGINEERING FEATURES

- ✓ **Complete automation. Cutting down Milling time by more than 25%.**
- ✓ **Auto Cutting. Resulting uniform milling depth.**
- ✓ **Auto Indexing. Ensures complete error free indexing.**
- ✓ **Auto tool retracking. Saving of Time & Labour for Reversing & Resetting.**
- ✓ **Auto Recycling & Auto Stop.**
- ✓ **Both Manual & Auto Mode.**
- ✓ **Labour Saving since one person can operate a chasing while Dynam takes care of the milling.**

EXCLUSIVE ENGINEERING FEATURES

- ✓ Capable of milling rollers of length upto 52” and 13” Dia.
- ✓ Multi speed, direct drive through heavy duty helical geared motor.
- ✓ Alloy steel, precision machined self cleaning lead screw.
- ✓ Phosphorus Bronze Worm Wheel with Hardened & Ground Shafts.
- ✓ Complete labour free operation.
- ✓ Sturdy 3 roller support at tail end

RESULTS

- ✓ **100% saving in labour cost**
- ✓ **50% savings in productivity**
- ✓ **20% increase in life of Stainless Steel Segments.**
- ✓ **10% savings in power.**
- ✓ **Uniform Milling Depth ensures Better Grade Percentage.**
- ✓ **Better Surface Finish, increases liquor quality.**
- ✓ **User-friendly and automatic operation, ensures zero manpower requirement.**

RE-SHARPENING COST COMPARISON BETWEEN DYNAM® AUTOMATIC MILLING MACHINE AND OTHER CONVENTIONAL MACHINES

	CONVENTIONAL	DYNAM AUTO - MILLING
Average Sharpening Frequency for Ø13" X 36" Rollers. (In Kgs. Of Green Leaf) (A)	100,000	100,000
Average Green Leaf Processing Capacity / Day / Line. (B)	25000	25000
Sets of CTC Rollers / Line of CTC. (C)	4	4
Average Roller Changing Frequency / Day in Sets of Rollers. (D = A / BXC)	1	1
Total Milling Time / Set of Roller in Hours. (E)	12	10
Manpower Requirement for Milling 1 Set of CTC Rollers (F)	2	0.2
Manpower Charges (Operator) / 8 Hours. (G)	USD 5/-	USD 5/-
Manpower Charges for Milling 1 Set of Roller or Sharpening Cost per 25,000 Kgs of Green Leaf Processing. (H = FXG)	USD 10/-	USD 1/-
Manpower Charges for Sharpening @ 50,00,000 Kgs of Green Leaf Processing. (I= HX50,00,000/25,000)	USD 2000/-	USD 200/-
Total Savings / 5,00,000 Kgs. of Green Leaf		USD 1800/-

LIST OF EXPORT BUYERS

AS ON 30.07.2012

NAME OF ESTATE / TEA FACTORY	YEAR OF PURCHASE
Lujeri Tea Estates Ltd., Malawi.	2005
Batuwangala Tea Factory, Sri Lanka.	2006
Danduwangala T. F., Sri Lanka x 2 machines	2006
Williamson Tea Kenya Ltd., Kenya.	2007
Williamson Tea Kenya Ltd. x 3 machines	2008
BRAC, Bangladesh Limited, Bangladesh.	2011
Syed Tea & Lands, Bangladesh.	2012
Williamson Tea Kenya Limited, Kenya. x 2 machines	2012
Mushubi T. F., Rwanda x 2 machines	Under Execution.
Williamson Tea Kenya Ltd., Kenya.	Under Execution.
South Asian International, Bangladesh.	Under Execution.

LIST OF INDIAN BUYERS

FOR THE YEAR 2011 - 12

NAME OF ESTATE / TEA FACTORY	YEAR OF PURCHASE
BURNIEBRAES TEA CO	2011 - 12
GOPALPUR TEA ESTATE	2011 - 12
BAMONPOOKRI TEA ESTATE	2011 - 12
SHOLAYAR TEA ESTATE	2011 - 12
SHAKOMATO TEA ESTATE	2011 - 12
GOPALPUR TEA ESTATE	2011 - 12
MANJUSHREE TEA ESTATE	2011 - 12
BORSILLAH TEA ESTATE	2011 - 12
HOOLUNGOOREE TEA ESTATE	2011 - 12
BHOOTEACHANG TEA ESTATE	2011 - 12
JAYANTIKA TEA ESTATE	2011 - 12
LABAC TEA ESTATE	2011 - 12
GANDRAPARA TEA GARDEN	2011 - 12
BAZALONI TEA ESTATE	2011 - 12
HORUJAN TEA COMPANY	2011 - 12



T & I Pvt. Ltd.

CONTACT DETAILS

REGISTERED OFFICE & POSTAL ADDRESS

**19, R. N. Mukherjee Road
Kolkata – 700 001
West Bengal. INDIA
Phone :+ 91 33 3028 5400
Fax : + 91 33 3028 7090
Email : sales@tigroup.in**

FACTORIES	
Howrah Amta Road. Salap Howrah - 711 409 West Bengal. INDIA Phone : + 91 33 3242 5400 / 01 Fax : + 91 33 2653 4348 Email : salap@tigroup.in	Mission Charali Tezpur - 784 001 Assam. INDIA Phone : + 91 3712 255 004 / 005 Fax : + 91 3712 255 007 Email : tezpur@tigroup.in
83, Rabindra Sarani. Liluah Howrah - 711 203 West Bengal. INDIA Phone : + 91 33 3242 5403	Dolabari Industrial Area P. O. Kaliabhomrah Tezpur - 784 027. Assam. INDIA Phone : + 91 3712 232 639
BRANCH OFFICES	
Greenview Apartments STAC Road. Mallaguri Siliguri - 734 403 Tele/Fax : + 91 353 251 4805 Email : siliguri@tigroup.in	Makum Road. Udyog Nagar Tinsukia - 786 146 Tele/Fax : + 91 374 233 2036 Email : tinsukia@tigroup.in