

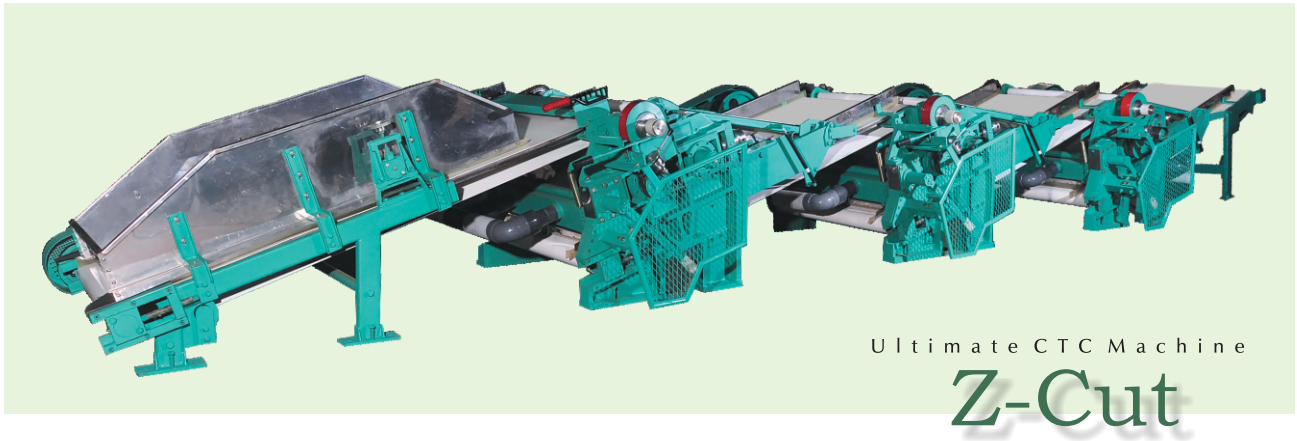


Zenith and You - The Perfect Blend

Z-Cut

Ultimate CTC Machine





"Z" the Last / Ultimate letter of the Roman alphabet.

Maintaining the momentum of positive growth among all the brands, ZENITH with more popularity announces the inclusion of another product to our portfolio.

*After a great successful story of **Samurai CTC Machine**, Zenith announces the new highly engineered dynamic version of the CTC Machines as "**Z-Cut**" with the confidence that the same will be received & appreciated by our valued customers as enthusiastically as before.*

Zenith belief that growth and expansion are hinged upon by giving the customers a hassle free product along with after sales service.

***GK Group** have great hopes from each one of you and belief that all of you get the Best quality machines and services at all times.*

Heavy & Robust Construction

Graded vertically casting used for pedestals dully reenforced for higher rigidity & construction for vibration free performance

Interchangeability

Interchangeability of rollers H.S. to S.S. or vice versa and similarly from one cut to another cut interchangeability of parts made possible.

Drive

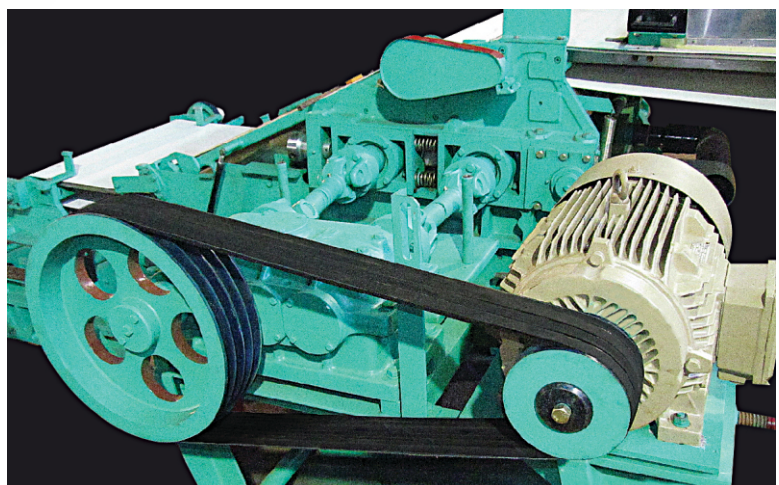
Positive Drive Gear Box is fitted with hardened shafts, gears and heavy duty bearing for longer life and drive Heavy Duty Propeller Shafts.

Wider PVC Conveyer Belt

Based on experience that 40" wide conveyor belts, full cutting area of 36" wide rollers can not be used and allows side spillage, viewing this handicap 42" wider imported PVC non-sticky conveyor belts are provided. Belts are hygienically safe and have long life.

Low Height

- Enables better supervision
- Maintenance made easier
- Changing of rollers easy & fast
- Qualifies for strong rigidity
- Frameless Conveyors
- Spil Free
- No ball formation



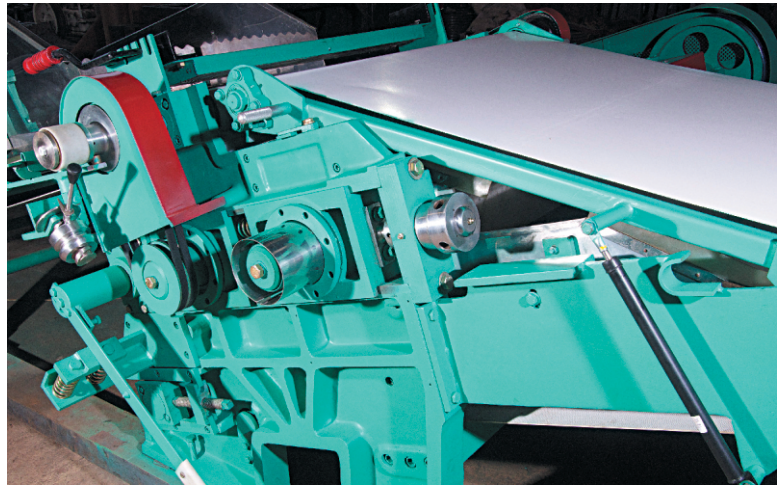
Gear Box

Moving Cover

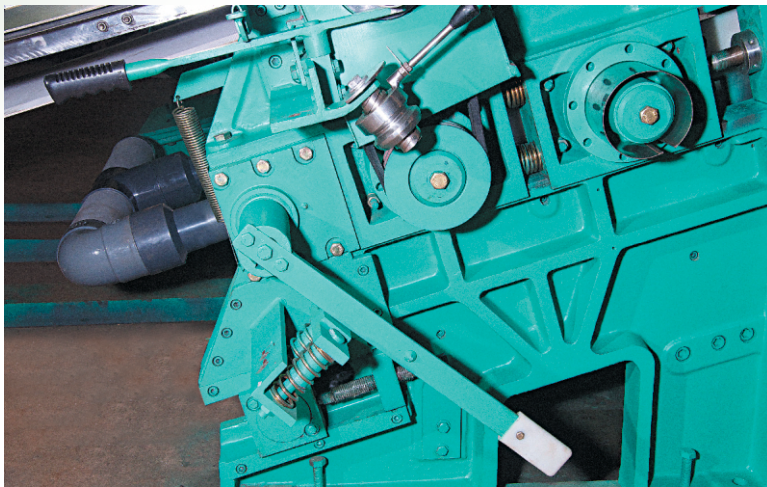
Unlike static covers where cut mal deposits on the covers and thus becomes the mother bed of bacteria, the moving covers with imported PVC belts, does not allow any deposition or accumulation of teas. No lump or Ball formation.

Hygienic Values Featured

- Moving Cover
- S.S. angularly & specially designed side guards.
- Enhanced the hygienic values by not allowing accumulation of teas in any inaccessible area and thus bacterial menace eliminated.



Cutting Unit & Cover



Cooling & Auto Trip Mechanism

Spillage

The specially designed side guards, wider conveyor belt, have made to achieve virtually nil spillage.

Cooling System

Cooling fan with pipe line connecting to each cut is provide from behind the rollers prevents leaf temperature from rising, thereby increasing the quality of liquor.

Improved De-Jamming

- System saves damage to roller.
- Re-instatement is immediate.
- Achieves same matching / Meshing.

Bearing Sleeves

Hardened and ground bearing sleeves are provided on the mandrel bearing journals to ensure minimum damage to bearings.

Improved Clutch System

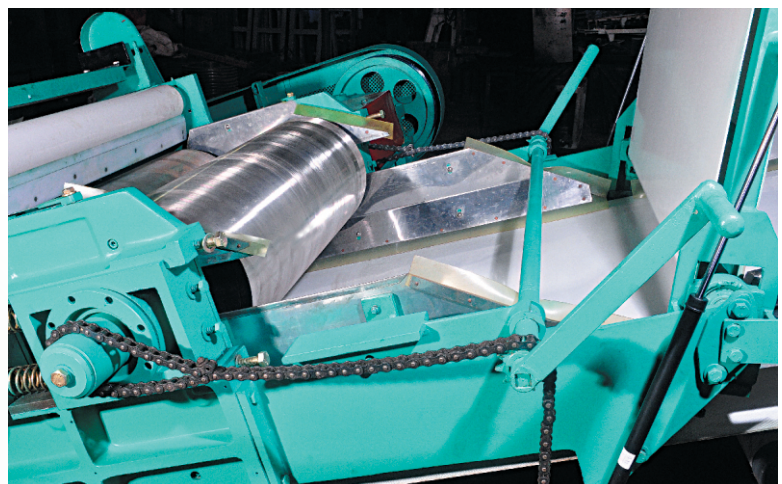
Simple & operator friendly clutch system introduced for engaging and disengaging moving of conveyor belts within fraction of a second.

Front Roller Removal

Unique roller removing system make removal system make convenient and easier.

Boltless Roller Removal System

Designed System eliminates pressure plate removal displace on during roller change.



Faster roller changing mechanism

Technical Specification

Overall Dimensions

Model	JUMBO 13" Z CUT 914 - 36"		JUMBO 13" Z CUT 1065 - 42"		9. ½" & 8. ½" Z CUT 914 - 36"		9. ½" & 8. ½" Z CUT 1065 - 42"	
Unit	3 Cut	4 Cut	3 Cut	4 Cut	3 Cut	4 Cut	3 Cut	4 Cut
Length (mm)	8953	11063	8953	11063	8953	11063	8953	11063
Width (mm)	2680	2680	2680	2680	2680	2680	2680	2680
Height (mm)	980	980	980	980	980	980	980	980
Output W/L	1000 - 1100kg		1000 - 1100kg		800 - 900kg		850 - 1050kg	

Conveyor Belts (PVC Belts)

	Width mm	Length mm	Width mm	Length mm	Width mm	Length mm	Width mm	Length mm
Feed	1030	5000	1180	5000	1030	5000	1180	5000
Subsequent Cut	1030	5000	1180	5000	1030	5000	1180	5000
Discharge	1030	5664	1080	5664	1030	5664	1080	5664
Moving Cover	1020	2450	1070	2450	1020	2450	1070	2450

Horse Power (Recommended)

Normal CTC Used with 8 / 10 TPI Roller

Normal Cut	20-15-15-15	25-20-20-20	20-15-15-15	20-20-20-20
Hard Cut	25-20-20-20	30-25-25-25	20-20-15-15	25-20-20-20

Roller Sharpening Data

Roller Diameter		Tilt Angle (in Degree)	Milling Cutter Angle (in Degree)	Helical	Chasing Profile U & V
13"	8 T.P.I.	45.6	65	65	55 / 45
13"	10 T.P.I.	45.6	65	65	55 / 45
9. ½"	8 T.P.I.	52	65	65	55 / 45
9. ½"	10 T.P.I.	52	65	65	55 / 45
9. ½"	8 T.P.I.	47	70	70	55 / 45
9. ½"	10 T.P.I.	47	70	70	55 / 45

Note : Recommendations given as above as subjected to various factor depending upon leaf quality and type of cuts.
The Design of the machine is subjected to change due to continuous process of design development without any notice.

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