



MEYER AI TEA COLOR SORTER



CUSTOMIZED TEA SORTING SOLUTIONS

Tips Reverse Sorting From FTGFOP-1



Raw Material



Tips Accepts



Tips Rejects

Dryer Mouth Material Sorting



Raw Material



Accepts



Rejects

TGFOP-1 Sorting



Final Accepts With Tips



Raw Material



Mixed Tea To Be Circulated



Red Stalks

OP Color and Size Sorting



Raw Material



Final OP Accepts
(1st outlet)



Big Leaves from
OP Accepts(2nd outlet)



Dual Stalks and
Black Stalks(3rd outlet)



Yellow Leaves and
Red Stalks(4th outlet)

Precise Removal of Foreign Matters



MEYER AI TEA COLOR SORTER

5
Five-stage sorter

Based on MAGA platform, Seal Technology 3.0 applied to sorting chamber greatly improves the stability of sorting.

Independent rotating display screen for multi-angle operation, convenient and fast.

Horizontal and vertical double feeding system ensures evenly feeding without blocking.

Three-level protection for wiper cylinder, 100,000 time dust cleaning test guarantees long service life.

Anti-blocking chute design ensures regular feeding and remarkably improves throughput of raw materials.

Light transmission belt + food grade curtain, green, environment-friendly and energy-efficient.

Upgraded 3+1+1 structure design ensures the best color sorting performance and provides one-stop sorting solution.

Get clean tea, dual stalk, red stalk and yellow leaves separately at one time feeding.



Final Clean Tea



Mixed Tea To Be Circulated



Dual Stalks



Red Stalks

Name	Model	Nozzles	Power	Voltage	Air Pressure	Air Consumption	Dimension (L*W*H)	Weight
TD-W	6CSX-1500A	1500	6.5kw	340~420V 50Hz	0.6~0.8MPa	<7.5m ³ /min	2990×4130×4000mm	5700kg
1500TD2	6CSX-1500TD2	1500	6.5kw	340~420V 50Hz	0.6~0.8MPa	<7.5m ³ /min	3350×3190×4230mm	4900kg

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4
Four-stage
sorter



3+1 structure design ensures reverse sorting of rejects in middle stage, higher benefits but lower air consumption.



With abundant intelligent recognition algorithm, adding shape sorting function of filamentous impurities.



New upgraded interface satisfies one-key start of excellent sorting scheme



Final Clean Tea



Raw Materials



Red and Dual Stalks

Name	Model	Nozzles	Power	Voltage	Air Pressure	Air Consumption	Dimension (L*W*H)	Weight
TD-S	6CSX-300IIIB	1200	6.0kw	340~420V 50Hz	0.6~0.8MPa	<6.5m ³ /min	3094×2812×4054mm	4800kg
1200TD2	6CSX-1200TD2	1200	6.0kw	340~420V 50Hz	0.6~0.8MPa	<6.5m ³ /min	3350×2820×4220mm	4300kg

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3
Three-stage
sorter



Free combination of color sorting,
shape sorting for various choices



Triple refinement for
clean tea at one time



Final Clean Tea



Raw materials



Red and Dual Stalks

Name	Model	Chutes	Nozzles	Power	Voltage	Air Pressure	Air Consumption	Dimension (L*W*H)	Weight
TD	6CSX-200TD	2	600	3.5kw	340~420V 50Hz	0.6~0.8MPa	<3.6m ³ /min	2240×2300×3710mm	3000kg
	6CSX-300IIIA	3	900	5.0kw	340~420V 50Hz	0.6~0.8MPa	<5.4m ³ /min	3290×2360×3710mm	3800kg

MEYER AI TEA COLOR SORTER

2
Two-stage
sorter



2+1
Two-stage
sorter



Cost-effective with simple installation and stable performance, it can be applied to different tea sorting solutions.



"2+1" sorting structure provides double purification of accepts and double sorting of rejects.



Final Clean Tea



Mixed Tea To Be Circulated



Red and Dual Stalks

Name	Model	Chutes	Nozzles	Power	Voltage	Air Pressure	Air Consumption	Dimension (L*W*H)	Weight
SD	6CSX-400STD	2	400	3.0kw	340~420V 50Hz	0.6~0.8MPa	<3.0m ³ /min	2240×2300×3410mm	2300kg
	6CSX-600STD	3	600	3.5kw	340~420V 50Hz	0.6~0.8MPa	<3.6m ³ /min	2750×2300×3410mm	2800kg
900STD2	6CSX-900STD2	3	900	5.5kw	340~420V 50Hz	0.6~0.8MPa	<5.4m ³ /min	3350×2200×3430mm	3300kg

MEYER FOREIGN MATTER INSPECTION MACHINE

TF



Reconstruct 3D information of raw materials accurately with double views, precisely lock the impurities, it is widely used for tea and other light weight material.



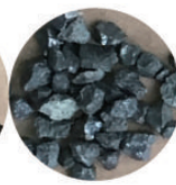
Optional infrared system can remove dead insect, plastic, glass, wood chips and other impurities.



accepts



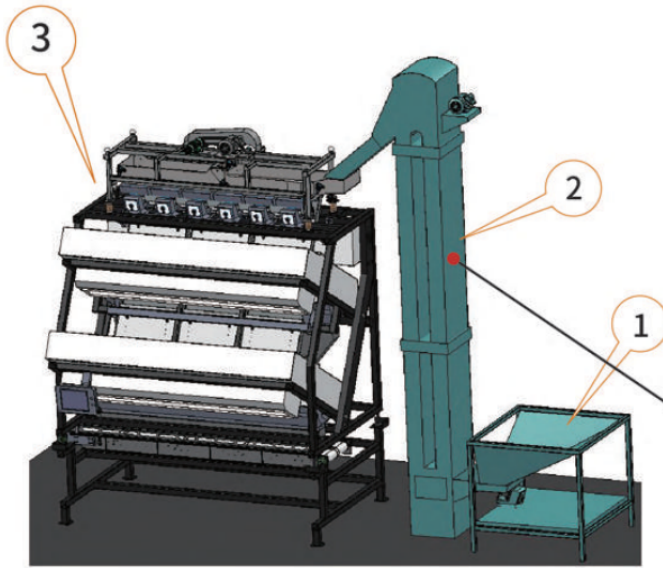
stalks



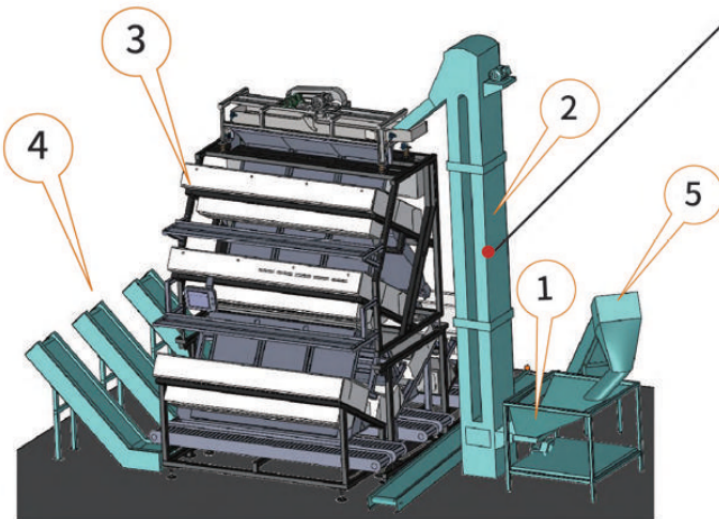
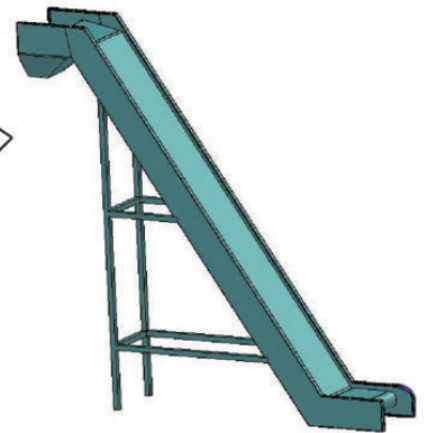
foreign matters

Name	Model	Nozzles	Power	Voltage	Air Pressure	Air Consumption	Dimension (L*W*H)	Weight
TF	6CSX-300IIC	900	6.0kw	340~420V 50Hz	0.6~0.8MPa	<5.4m ³ /min	2750×2850×3860mm	4000kg

TEA SORTING PROCESSING LINE



TWO-STAGE TEA COLOR SORTER INSTALLATION SKETCH MAP



FIVE-STAGE TEA COLOR SORTER INSTALLATION SKETCH MAP

- 1. Feeding Hopper
- 2. Feeding Bucket Elevator (optional)
- 3. Color Sorter
- 4. Discharging Conveyor (optional)
- 5. Circulating Conveyor (optional)



Dimension of Tea Sorting Processing Line (mm)

Type	Elevator	Length	Width	Height
2-stage sorter	Z type	8670	2340	3720
	Bucket	5340	2340	4170
3-stage sorter	Z type	10720	2460	4020
	Bucket	6740	2670	4470
4-stage sorter	Z type	9500	3400	4430
	Bucket	7100	3400	5000
5-stage sorter	Z type	9500	3400	4430
	Bucket	7100	3400	5000