粗



■ Specifications

Primary te	Primary tea rolling dryer (Karo pack type)														
	Wid	dth	Depth	Hei	ght	Weight		Power		Heavy oil	Air rate	0	Main shaft	Feeding	
Type	With motor cover	Frame	Ворин	With exhaust pipe	Frame	Weight	Shaft	Fan	Burner	consumption	7111 1410	Suitable furnace	rotation	(Fresh leaf)	
	mm	mm	mm	mm	mm	kg	kW	kW	kW	ℓ/h	m /min	14111455	rpm	kg	
KS-35	1,900	1,600	1,355	-	1,600	570	0.75	0.75	0.25	3.1~6.2	14~56	-	33~43	18~35	
KS-60	2.290	1.890	1.550		1.950	1 100	1.5	0.75	0.25	3.9~7.8	23~70	-	33~43	30~60	
NS-60	2,290	1,690	1,550	-	1,950	1,100	1.3	1.5	0.25	4.7~9.4	28~85	-	33~43	30~60	
1/0.00	0.000	0.400	4 000		1.050	1 070	0.0	1.5	0.05	6.1~12.2	37~110	-	00 40	45.00	
KS-90	2,890	2,490	1,620	-	1,950	1,270	2.2	2.2	0.25	6.9~13.9	42~125	-	33~43	45~90	
KS-120	3,050	2,550	2,000	3,010	2,380	1,790	3.7	1.5	0.4	6.7~13.3	30~120	-	33~40	60~120	
KS-200	4,570	4,000	2,320	3,010	2,410	3,200	5.5	3.7	0.4	8.9~17.7	40~160	-	33~40	100~200	

Primary te	Primary tea rolling dryer (Standard type)															
	Wid	Width		dth Donth		Height		Weight	Power			Heavy oil	Air rate		Main shaft	Feeding amount
Туре	With motor cover Frame		Depth	With exhaust pipe	Frame	weight	Shaft	Fan	Burner	consumption	Airrate	Suitable furnace	rotation	(Fresh leaf)		
	mm	mm	mm	mm	mm	kg	kW	kW	kW	ℓ/h	m³/min		rpm	kg		
								1.5	0.4	6.7~13.3	30~120	HLS-12B				
NS-120	3,050	2,550	1,940	3,010	2,380	1,320	3.7	2.2	0.4	6.9~13.7	35~140	HLS-20A	30~40	60~120		
								3.7	0.75	8.3~16.6	42~170	HLS-20B				
NS-200	4.570	4,000	1,972	3.010	2.410	2.300	5.5	2.2	0.4	6.9~13.7	35~140	HLS-20A	00 40	100 000		
143-200	4,570	4,000	1,972	3,010	2,410	2,300	5.5	3.7	0.75	8.3~16.6	42~170	HLS-20B	30~40	100~200		
NS-250	5,570	5,000	1.972	3.010	2,410	2.740	7.5	3.7	0.75	6.3~16.6	42~170	HLS-20B	30~40	125~250		
143-250	3,370	5,000	1,972	3,010	2,410	2,740	7.5	3.7	0.75	9.6~19.6	50~200	HLS-25A	30~40	125~250		

Туре	Wid	dth	Danth	Height		\\\ - : - l- t		Power		Heavy oil	Air rate		Main shaft	Feeding amount
	With motor cover Frame Depth		With exhaust pipe	Frame Weight		Shaft	Fan Burner		consumption	Air rate	Suitable furnace	rotation	(Fresh leaf)	
	mm	mm	mm	mm	mm	kg	kW	kW	kW	ℓ/h	m³/min	Tarridoo	rpm	kg
NSW-120	3,550	3,050	1,940	2,910	2,230	1,500	3.7	3.7	0.75	8.3~16.6	42~170	HLS-20B	30~40	60~120
NSW-200	4 770	4.000	0.050	0.017	0.465	0.470	5.5	5.5	0.75	12.2~24.5	63~250	HLS-25B	∃ 30~40 l	100~200
	4,770	4,200	2,056	3,217	2,465	2,470	5.5	2.2 x 2	0.4 x 2	13.7~27.4	70~280	HLS-20Ax2		
NSW-250	5,770	5,200	2,056	3,217	2,465	2,990	7.5	3.7 x 2	0.75 x 2	16.6~33.3	85~340	HLS-20Bx2	30~40	125~250

Standard	equipn	nent 8	optic	on sett	ting	is standard equipment is optional setting											
	Angle	Cloonir	ng door	Clo	on TW n	loto	Clean TY	One	Transparent	Smooth o	pener (Gas	dumper)	Main shaft	in shaft Press arm leg	Chain	Expand	
Type	adjustable	Cleanin	ig door	Clean TW plate			plate	-touch	front	Front	Cleaning	Cleaning door	fluorine	& scattering	stainless		metal
	drum	Front	Rear	No.1~4	No.1~2	No.3~4	No.1~4	hook	door	door	(Front)	(Rear)	coating	plating			ceiling
KS-35	-	-	-	0	0	0	0	0	0	0	-	-	0	0	0	-	0
KS-60	0	0	-	0	0	0	0	0	0	0	0	-	0	0	0	0	0
KS-90	0	0	-	0	0	0	0	0	0	0	0	-	0	0	0	0	0
KS-120	0	0	-	0	0	0	0	0	0	0	0	-	0	0	0	0	0
NS-120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KS-200	0	0	-	0	0	0	0	0	0	0	0	-	0	0	0	0	0
NS-200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NS-250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NSW-120	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
NSW-200	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
NSW-250	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0

 $\ensuremath{\ensuremath{\mathbb{X}}}\xspace\ensuremath{\ensuremath{\mathsf{Part}}}$ of the specifications might be changed for improvement.

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• Sales agent

Primary tea rolling dryer (Wide type) 120,200,250K



Suitable 1st tea rolling dryer for rolling process after wide spaced scattering. Improve qualities like color & flavor by responding according to volume changing of tea leaves' weight reduction.

- Suitable after scattering by 1.2 times larger scattering dryer than primary dryer, efficient drying is processed with balanced tea spread and arm pressure and tea is made with excellent gloss, color & flavor.
- Rolls & rubs the scattered soft tea leaves with much moisture without chopping the leaves.
- By gaining the hot air blowing port below, helps the tea leaves moving from tea scattering to rolling. Structured not only to the most suitable amount of air but also the flow rate.
- Ideal drying is possible by setting scatter stopper in a higher position than conventional type and matching with specific scattering hand.



Near-infrared ravs moisture measuring

Primary tea rolling dryer (Standard/Karo-pack type) 35, 60, 90, 120, 200, 250K

Excellent in rubbing and takes out the moisture in tea leaves from core.

By rubbing keeps the evaporation time from surface and prevents increasing tea temperature

which improves sencha (crude tea) original color, gloss and fragrance.

- Structured to rubbing basis and made the drum radius for suitable thickness of tea.
- Rubs the tea leaf softly to the core by turning the tea leaves with press arm in rotating drum.
- By keeping the hot air blowing port in low position, structured as to contact the leaves even with little air.
- Large scatter stopper, controls the air flow and input part of exhaust air to the drum and dries while rubbing slowly.
- Terada original Karo-pack heating furnace is suitable for high quality tea manufacturing with excellent gloss and color.
- Karo-pack type is efficient in heating and space saving.
- Tea won't be left when discharging with expanded discharging door. (Over 60K)



Electric resistance moisture measuring sampling unit

Pursued ease of use control by pulling out machine performance



Digital control panel

★ SYS-525S

Air rate, hot air temperature, tea temperature, main shaft rotations. process time can be selected from 2~5 steps and fuzzy controlling.

- Controls air rate by measuring tea leaf moisture and discharges automatically when reaches to target moisture level.
- Views moisture level (Tea temperature) change in graph to 14 min before.
- It is easy to identify tea manufacturing state and error from far by the multi-colored lights.



★ SYS-64A

Air rate, hot air temperature and shaft rotations are 2-step controlling according to dial operation. 1st process is time setting with tea temperature controlling.

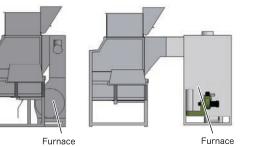


★ SYS-76M

Air rate, hot air temperature and shaft rotations are 5-step controlling according to dial operation.

Karo-pack (KS) type, standard (NS) type side comparison

★ KS type ★ NS type primary tea rolling dryer primary tea rolling dryer



Quality pursued special structure

Press arm

- Each scattering dryer, wide type and standard primary tea rolling dryer is structured to specific design and make rubbing most suitable for process' tea leaves.
- It is the suitable shape to rub the soft tea leaves in wide type primary tea rolling dryer. Primary tea rolling dryer's press arm spatula

is long and curved shape, which holds tea

■ Takes out the moisture from core of tea leaves since the rubbing distance has increased by increasing spatula length.

Scattering hand

- Each of tea scattering, wide & standard type primary tea rolling dryer is structured to specific design.
- Fat, long pins with narrow gap in wide type primary tea rolling dryer is easy to scatter young bud deep-steaming
- Thin, wide gapped and with bended pins with tapered edge is most suitable for leaf passing

■ Angle adjustable type primary tea roller drum

By changing front door angle (Gap with scattering hand) according to tea leaf state, throwing of tea leaves can be adjusted without changing the gap in bottom of drum. (Over 120K type is standard feature)

★For tea scattering & wide type primary tea rolling



(Rubbing type)

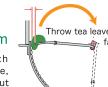
★For primary tea

rolling



- **★**Standard front drum door angle





Throw tea leaves

★Front drum door

gap+30mm

Structure pursued hygiene and safety

One-touch hook

Front door can be fixed and released in one-touch **%**Already patented

Smooth opener

The door can be opened/closed smoothly and safely with gas damper equipped to front door, front drum door and rear drum door even get heavy by tea





■ Easily cleanable front & rear drum door

- Since the front and rear drum door can be opened and closed largely, cleaning inside the drum and adjustment of press arm & scattering hand can be done easily and safely. (Karo-pack type is only front drum door)
- Resin plate can be used to the bottom plate as option which won't stick tea easily and the stuck tea can easily be removed.
- Drum small plate is stainless steel and all inside drum



Front cleaning drum door



Rear cleaning drum door

Exhaust duct & ceiling

- Exhaust duct is made to the height to gain exhaust volume calculated by used air amount and supports reducing tea dust.
- Expand metal is used to the ceiling. (Over 120K)

Powder collecting device



Since powder & stalks are collected tea leaf stuffiness, too much/less suction won't occur