

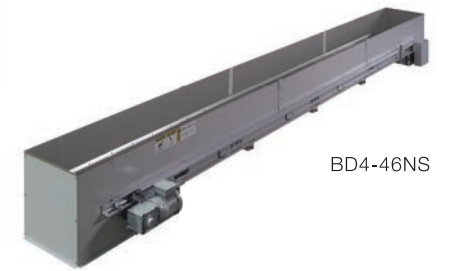
製茶輸送機器

TRANSPORT EQUIPMENT



Belt conveyor (Fresh leaf)

Process	Type (Forward)	Type (Fow/Rev)	Width(mm)	Height(mm)	Length(m)	Power(kW)
Fresh leaf	BD4-15 ~ 30N	BD4-15 ~ 30NS	740	490	1.5 ~ 3.0	0.2
	BD4-35 ~ 70N	BD4-35 ~ 70NS	740	490	3.5 ~ 7.0	0.4
	BD4-75 ~ 90N	BD4-75 ~ 90NS	740	490	7.5 ~ 9.0	0.4 x 2
	BD5-15 ~ 20N	BD5-15 ~ 20NS	840	490	1.5 ~ 2.0	0.2
	BD5-25 ~ 70N	BD5-25 ~ 70NS	840	490	2.5 ~ 7.0	0.4
	BD5-75 ~ 90N	BD5-75 ~ 90NS	840	490	7.5 ~ 9.0	0.4 x 2
	BD6-15 ~ 70N	BD6-15 ~ 70NS	1,090	610	1.5 ~ 7.0	0.4
	BD6-75 ~ 90N	BD6-75 ~ 90NS	1,090	610	7.5 ~ 9.0	0.4 x 2



BD4-46NS

Belt conveyor (Standard)

Process	Type (Forward)	Type (Fow/Rev)	Width(mm)	Height(mm)	Length(m)	Power(kW)
Standard	BD3-15 ~ 40	BD3-15 ~ 40S	640	380	1.5 ~ 4.0	0.2
	BD3-45 ~ 70	BD3-45 ~ 70S	640	380	4.5 ~ 7.0	0.4
	BD3-75 ~ 90	BD3-75 ~ 90S	640	380	7.5 ~ 9.0	0.4 x 2
	BD4-15 ~ 30	BD4-15 ~ 30S	740	380	1.5 ~ 3.0	0.2
	BD4-35 ~ 70	BD4-35 ~ 70S	740	380	3.5 ~ 7.0	0.4
	BD4-75 ~ 90	BD4-75 ~ 90S	740	380	7.5 ~ 9.0	0.4 x 2
	BD5-15 ~ 20	BD5-15 ~ 20S	840	380	1.5 ~ 2.0	0.2
	BD5-25 ~ 70	BD5-25 ~ 70S	840	380	2.5 ~ 7.0	0.4
	BD5-75 ~ 90	BD5-75 ~ 90S	840	380	7.5 ~ 9.0	0.4 x 2



BD4-15



MA4-35

Belt conveyor (Drying/finishing)

Process	Type (Forward)	Type (Fow/Rev)	Width(mm)	Height(mm)	Length(m)	Power(kW)
Drying/finishing	BD2-15 ~ 70K	BD2-15 ~ 70KS	540	380	1.5 ~ 7.0	0.2
	BD2-75 ~ 90K	BD2-75 ~ 90KS	540	380	7.5 ~ 9.0	0.4
	BD3-15 ~ 40K	BD3-15 ~ 40KS	640	380	1.5 ~ 4.0	0.2
	BD3-45 ~ 70K	BD3-45 ~ 70KS	640	380	4.5 ~ 7.0	0.4
	BD3-75 ~ 90K	BD3-75 ~ 90KS	640	380	7.5 ~ 9.0	0.4 x 2
	BD4-15 ~ 30K	BD4-15 ~ 30KS	740	380	1.5 ~ 3.0	0.2
	BD4-35 ~ 70K	BD4-35 ~ 70KS	740	380	3.5 ~ 7.0	0.4
	BD4-75 ~ 90K	BD4-75 ~ 90KS	740	380	7.5 ~ 9.0	0.4 x 2



DNT-6

Steamed leaf relay conveyor (With spilled tea collection device)

Process	Type (Forward)	Type (Fow/Rev)	Width(mm)	Height(mm)	Length(m)	Power(kW)
Steamed leaf	MA3-15 ~ 40	MA3-15 ~ 40S	590	740	1.5 ~ 4.0	0.2
	MA3-45 ~ 70	MA3-45 ~ 70S	590	740	4.5 ~ 7.0	0.4
	MA3-75 ~ 90	-	590	740	7.5 ~ 9.0	0.4 x 2
	MA4-15 ~ 30	MA4-15 ~ 30S	690	740	1.5 ~ 3.0	0.2
	MA4-35 ~ 70	MA4-35 ~ 70S	690	740	3.5 ~ 7.0	0.4
	MA4-75 ~ 90	-	690	740	7.5 ~ 9.0	0.4 x 2
	MA5-15 ~ 20	MA5-15 ~ 20S	790	740	1.5 ~ 2.0	0.2
	MA5-25 ~ 70	MA5-25 ~ 70S	790	740	2.5 ~ 7.0	0.4
	MA5-75 ~ 90	-	790	740	7.5 ~ 9.0	0.4 x 2



PS-2200

Spin dryer input conveyor

Process	Type	Length(mm)	Width(mm)	Height(mm)	Power(kW)	Suited line
Washing ~ spin dryer	DNT-5	4,140	860	1,490	0.4	For 800K
	DNT-6	4,820	960	1,490	0.4	For 1,200K
	DNT-7	5,820	960	1,490	0.75, 0.1	For 1,600K

Vacuum type aerial transportation device

Process	Type	Length(mm)	Width(mm)	Height(mm)	Power(kW)	Capacity(kg/h)
Drying/finishing	PS-2200	780	526	1,890	2.2	500 (Dry tea)

※ Conveyor size can be made within 1.5~9.0m by 0.5m. Discuss when require sizes except that.
 ※ Part of the specifications might be changed for improvement.

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● Sales agent



Line up that supports tea manufacturing plant automation.

Trough conveyor (Tea scattering~Final tea rolling)

Machine	Line	Shape	Length(mm)	Power(kW)
Tea scattering dryer (Batch type)	35K	4S	2,700	0.2
Primary tea rolling dryer		4S	2,200	0.2
Tea roller		4S	1,300	0.2
Secondary tea rolling dryer	60K	4C	1,900	0.2
Tea scattering dryer (Batch type)		5S	3,400	0.2
Primary tea rolling dryer		4S	2,700	0.2
Tea roller	90K	5S	1,500	0.2
Secondary tea rolling dryer (Fixed body)		4S	2,700	0.2
Secondary tea rolling dryer		4C	2,200	0.2
Final tea rolling dryer	120K	4H	3,900	0.2
Tea scattering dryer (Batch type)		5S	3,400	0.2
Primary tea rolling dryer		5S	3,300	0.2
Tea roller	200K	6S	1,600	0.2
Secondary tea rolling dryer (Fixed body)		5S	2,700	0.2
Secondary tea rolling dryer		5C	2,200	0.2
Final tea rolling dryer	250K	5S	4,800	0.4
Tea scattering dryer (Continuous type)		6S	4,800	0.4
Tea scattering dryer (Batch type)		5S	3,900	0.2
Primary tea rolling dryer (Wide type)	120K	5S	3,400	0.2
Primary tea rolling dryer		6S	1,800	0.2
Tea roller		5S	2,900	0.2
Secondary tea rolling dryer (Fixed body)	90K	5C	2,600	0.2
Secondary tea rolling dryer		5H	4,700	0.2
Final tea rolling dryer		6H	4,700	0.2
Tea scattering dryer (Continuous type)	60K	5B	6,100	0.4
Tea scattering dryer (Batch type)		6B	6,100	0.4
Primary tea rolling dryer (Wide type)		6S	5,100	0.4
Primary tea rolling dryer	200K	6S	4,900	0.4
Tea roller		6C	2,900	0.4
Secondary tea rolling dryer (Fixed body)		6S	4,100	0.4
Secondary tea rolling dryer	120K	9C	3,400	0.4
Tea scattering dryer (Continuous type)		5B	6,900	0.4
Tea scattering dryer (Batch type)		6B	6,900	0.4
Primary tea rolling dryer (Wide type)	250K	6B	6,500	0.4
Primary tea rolling dryer		6B	6,200	0.4
Tea roller		9I	2,900	0.4
Secondary tea rolling dryer (Fixed body)	90K	6B	5,200	0.4
Secondary tea rolling dryer		9I	3,700	0.4

※Above listed are standard. Since driving system might change according to factory machine structure, Contact Terada.
Listed machine length is of 1 unit & not for several machines. And the length does not include trough conveyor discharge port parts.

Trough conveyor (Fresh leaf)

Machine	Type	Shape	Length(mm)	Power(kW)
Fresh leaf container	N	5S	2,400	0.2
	WH	5S	3,000	0.2
	UWH	5S	3,500	0.2
	SWH	5S	4,600	0.2
	RYC-300TN	4H	2,700	0.2
	MT	5S	2,000	0.2
	Underground type	5S	1,400	0.2
Underground type	5S	2,000	0.2	
Underground type	5S	2,800	0.2	

Trough conveyor (Dry tea)

Machine	Type	Shape	Length(mm)	Power(kW)
Tea dryer	ND120-1 / 2F	3DK	1,600	0.2
	ND120-3 ~ 8F	3DK	1,900	0.2

Trough conveyor (Steamed leaf)

Machine	Type	Shape	Length(mm)	Power(kW)
Steamed leaf pre-dryer (Fixed body type)	NR-12	4S	3,500	0.2
		4S	5,200	0.2
	NR-20	4S	4,500	0.2
		4S	6,100	0.2
	NR-25	4S	5,300	0.2
		(Rotary drum type)	KNE-12, NE-20/25	5S

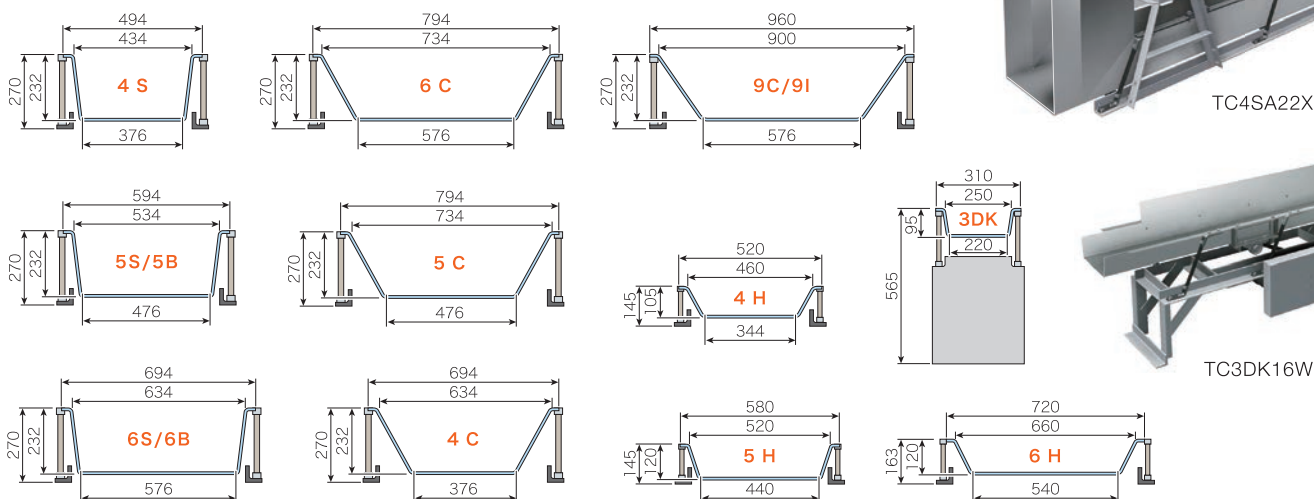
Trough conveyor (Blender)

Machine	Type	Shape	Length(mm)	Power(kW)
Tea blender (Drum type)	MX-300/500D	4S	1,700	0.2
	MX-1000D	4S	1,800	0.2
Tea blender (Cylinder type)	MX-1000/1500C	6S	2,100	0.2
	MX-2500/4000C	5S	2,300	0.2
		6S	2,300	0.2

Trough conveyor (Spin dryer)

Machine	Type	Shape	Length(mm)	Power(kW)
Spin dryer	800K	9I	2,500	0.4
	1,200K	9I	5,500	0.4
	1,600K	9I	2,500	0.4
		9I	5,500	0.4

Trough conveyor shape



Bucket conveyor (Fresh leaf)

Process	Type	Width(mm)	Depth(mm)	Height(m)	Power(kW)	Maximum capacity(kg/h)
Fresh leaf	VDR5	510	565	3.5 ~ 7.5	0.4	1,200
	VDR6B	612	654	5.0 ~ 9.0	0.75	2,000
	VDR10	951	654	6.0 ~ 10.0	0.75	5,000

Bucket conveyor (Steamed leaf~latter part)

Process	Type	Width(mm)	Depth(mm)	Height(m)	Power(kW)
Steamed leaf	VDM4	410	455	3.0 ~ 6.0	0.2
	VDM5	510	455	3.5 ~ 4.5	0.2
	VDM5	510	455	5.0 ~ 6.0	0.4
Steamed leaf ~ Latter part	VDMR5	510	565	3.5 ~ 6.5	0.4
	VDMR6	610	565	3.5 ~ 6.5	0.4
Latter part	VD4	410	455	2.5 ~ 6.0	0.2
	VD5	510	455	3.0 ~ 4.5	0.2
	VD5	510	455	5.0 ~ 6.0	0.4
	VD6	610	455	3.5 ~ 6.0	0.4

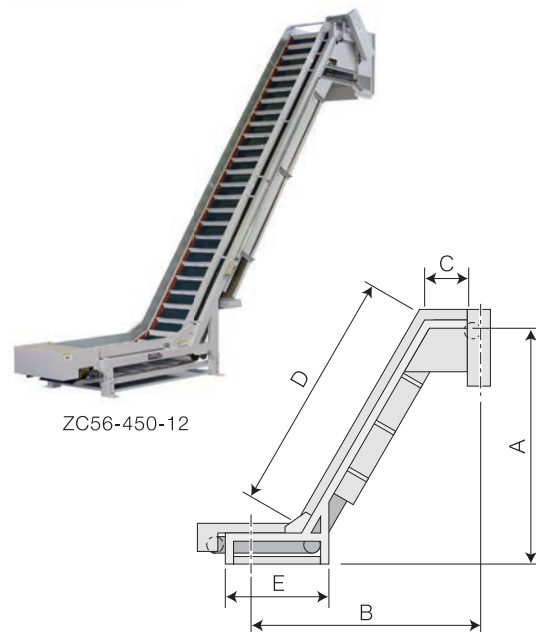
Bucket conveyor (Dry tea/sealed type)

Process	Type	Width(mm)	Depth(mm)	Height(m)	Power(kW)
Final tea rolling	VD5-K	510	455	3.0 ~ 4.0	0.2
Final tea rolling/drying	VD4-K	410	455	2.5 ~ 6.0	0.2
Drying	VD3-K	260	455	2.5 ~ 6.5	0.2
Finishing	VD3-K	260	455	2.5 ~ 6.5	0.2

Bucket conveyor standard usage

Process	35K	60K	90K	120K	200K	250K
Fresh leaf	VDR5 / VDR6B / VDR10					
Steamed leaf	VDM4		VDM4 / VDM5			
Tea scattering dryer (Continuous type)	VD4	VD5	VDMR5			
Tea scattering dryer (Batch type)	VD4	VD5	VDMR6			
Primary tea rolling dryer	VD4	VD5	VDMR6			
Tea roller	VD4	VD5	VDMR6			
Secondary tea rolling dryer (Fixed body)	VD4	VD5	VDMR6			
Secondary tea rolling dryer	VD4	VD4 / VD5	VD5	VD6		
Final tea rolling dryer	VD4-K / VD5-K	VD5-K				
Tea dryer	VD3-K			VD3-K / VD4-K		
Finishing	VD3-K					

※Fresh leaf bucket conveyor maximum capacity changes according to the leaf state.
"-K" after the type is sealed type bucket conveyor.



Steamed leaf rising Z conveyor (Resin belt type)

Type	Belt width (mm)	A dimension (mm)	B dimension (mm)	C dimension (mm)	D dimension (mm)	E dimension (mm)	Power(kW)
ZC56-400-12	500	3,862	3,162	560	4,000	1,200	0.4
ZC56-450-12	500	4,295	3,412	560	4,500	1,200	0.4
ZC56-500-12	500	4,728	3,661	560	5,000	1,200	0.4
ZC56-550-12	500	5,162	3,911	560	5,500	1,200	0.4
ZC56-600-12	500	5,595	4,160	560	6,000	1,200	0.4

※D dimension can be made within 4,000~6,000mm by 100mm.

Steamed leaf rising net conveyor (Stainless net type)

Type	Belt width (mm)	A dimension (mm)	B dimension (mm)	C dimension (mm)	D dimension (mm)	E dimension (mm)	Power(kW)
ZN400-50	500	3,794	2,948	610	4,000	1,300	0.4
ZN450-50	500	4,227	3,198	610	4,500	1,300	0.4
ZN500-50	500	4,660	3,448	610	5,000	1,300	0.4
ZN550-50	500	5,093	3,698	610	5,500	1,300	0.4
ZN600-50	500	5,526	3,948	610	6,000	1,300	0.4

※D dimension can be made within 4,000~6,000mm by 100mm.



VD3-30K (Sealed type)

VD5 (Standard type)

VD6 (Standard type)

Guides with most suitable transporting method for the object.