



STRAIGHTENER FEEDER

L C C O 8 H R 3 X B X - M H C

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SPECIFICATIONS

Note: Specifications are subject to change without notice.

Stock width	mm	70~800	Pass line height	mm	1100~1300
Stock thickness	mm	0.6~6.0	- Adjustment		Auto
Feed length	mm	Max. 500	Top speed	m/Sec	0.660
Line speed	m/min	Max. 24	Acc. + Dec. time	Sec	0.2+0.2
No. of work roll	U/L	4/3	Releasing	SPM	100
Back up roll		Equipped.	Loop control		Photo Ele. Sensor
Roll length	mm	820	Feed Motor	kW	AC 6.0
Coil weight			Uncoiler motor	kW	2.2 ^(VAS) /3.7 ^(MHS)
- VAS/VVAS: Pneumatic	kg	5000/5000x2	Power supply	V	200/220
- MHS/MVHS: Hydraulic	kg	7000/7000x2	Power consumption	KVA	16.0 ^(VAS) /21.0 ^(MHS)
Coil O.D.	mm	1400	Control voltage	V	DC 24
Coil I.D.	mm	508	Air supply	MPa	0.49

Standard Features:

- Coil hold down unit
- Entrance stock side guide, screw lock type
- Harden ground feed and work roll
- Material Bridge
- Remote switch End of Stock

Included Options

- Coil loading car
- Loop control (Photoelectric sensor type)
- Roll surface treatment (HCr)
- Stock oiling device
- Allen Bradley Controller

Note: *1) Stock Width, *2) Model, *3) N: PLC Controller / T: TP Controller, *4) A: Left to Right feed direction / B: Right to Left feed direction,

*5) P: With Standard option / S: No option / X: Custom option,

*6) T: 1500kg Uncoiler / D: 2000kg Uncoiler / E: 3000kg / V: 5000kg / M: 7000kg,

*7) None: Single Uncoiler / V: W-Uncoiler, *8) T: Manual Expansion / A: Pneumatic Expansion, *9) S: No Coil Car, C: With Coil Car

STRAIGHTENING PERFORMANCE

Note: Figures in parenthesis are for feeding only without straightening.

Width (mm)		Yield Stress: N/mm ²													
		214	245	276	306	337	368	398	429	459	490	521	551	582	613
		Tensile Strength: N/mm ² (For Reference Only)													
		343	392	441	490	539	588	637	686	735	784	833	882	931	980
Stock Thickness (mm)	0.6	800	(800)	(800)	(800)	(800)	(800)	(800)	(800)	(800)	(800)	(800)	(800)	(800)	(800)
	0.8	800	800	800	(800)	(800)	(800)	(800)	(800)	(800)	(800)	(800)	(800)	(800)	(800)
	1.0	800	800	800	800	800	800	(800)	(800)	(800)	(800)	(800)	(800)	(800)	(800)
	1.2	800	800	800	800	800	800	800	800	800	800	(800)	(800)	(800)	(553)
	1.4	800	800	800	800	800	800	800	800	800	720	641	575	518	(470)
	1.6	800	800	800	800	800	800	800	800	705	624	556	499	450	408
	2.0	800	800	800	800	800	800	721	629	553	490	437	393	354	321
	2.3	800	800	800	800	800	714	617	538	474	420	375	337	305	276
	2.5	800	800	800	800	759	649	561	490	432	383	342	308	278	252
	2.8	800	800	800	746	665	570	493	431	380	338	302	271	245	223
	3.2	800	714	635	571	519	476	423	370	327	290	260	234	211	192
	4.0	522	457	406	366	332	305	281	261	244	224	201	181	164	149
	4.5	413	361	321	289	263	241	222	206	193	180	170	158	144	131
	5.0	334	292	260	234	213	195	180	167	156	146	138	130	123	116
	6.0	232	203	180	162	148	135	125	116	108	102	96	90	(85)	(81)

FEED PERFORMANCE

Note: Calculated figures without slowing down of pressing.

SPM		Feed Length(mm)													
		30	50	80	100	120	150	180	200	250	300	350	400	450	500
Feed Time(sec)		0.271	0.326	0.391	0.428	0.461	0.507	0.553	0.583	0.659	0.735	0.81	0.886	0.962	1.038
Feed Angle	132°	81.3	67.4	56.2	51.4	47.7	43.4	39.8	37.7	33.4	30.0	27.2	24.8	22.9	21.2
	180°	100.0	92.0	76.6	70.1	65.0	59.1	54.3	51.5	45.5	40.8	37.0	33.9	31.2	28.9
	192°	100.0	98.1	81.8	74.7	69.4	63.1	57.9	54.9	48.6	43.6	39.5	36.1	33.3	30.8
	237°	100.0	100.0	100.0	92.3	85.6	77.9	71.5	67.7	60.0	53.8	48.7	44.6	41.1	38.1
	240°	100.0	100.0	100.0	93.4	86.7	78.9	72.4	68.6	60.7	54.5	49.4	45.1	41.6	38.6
	270°	100.0	100.0	100.0	100.0	97.5	88.7	81.4	77.2	68.3	61.3	55.5	50.8	46.8	43.4