

JSC 328 high production carding machine unit



JSC 328 main features

workable fiber	22~76mm cotton and man -made fibers
Max. delivery speed (m/min)	350
linear weight of card sliver (g/m)	3.5~9
cylinder width (mm)	1280
actual max. production (Kg/h)	150
lap weight (g/m)	340~800
lap width (mm)	1200 (chute feed)
doffer revolution	up to 150
1st licker-in (r/min)	643~1089
2nd licker-in (r/min)	863~1526
3rd licker-in (r/min)	1325~2011
Q'ty of aluminum alloy revolving flats	84 pcs (working flats pcs) opposite direction of cylinder
revolving flats speed (mm/min)	$V = 5.3f$ (frequency converter)
waste extraction air (m ³ /h and pa)	4500/-800
installed power (Kw)	15.42 (including coiler and hopper)
net weight (kg)	7000
coiler specification (mm)	Ø 1000×1100,1050,1150,1200,1250, (Ø 600 for alternation)
overall diameter (mm) size depends on coiler type	JSC 328: 5830 x 2210 x 2826

JSC 328

structure diagram

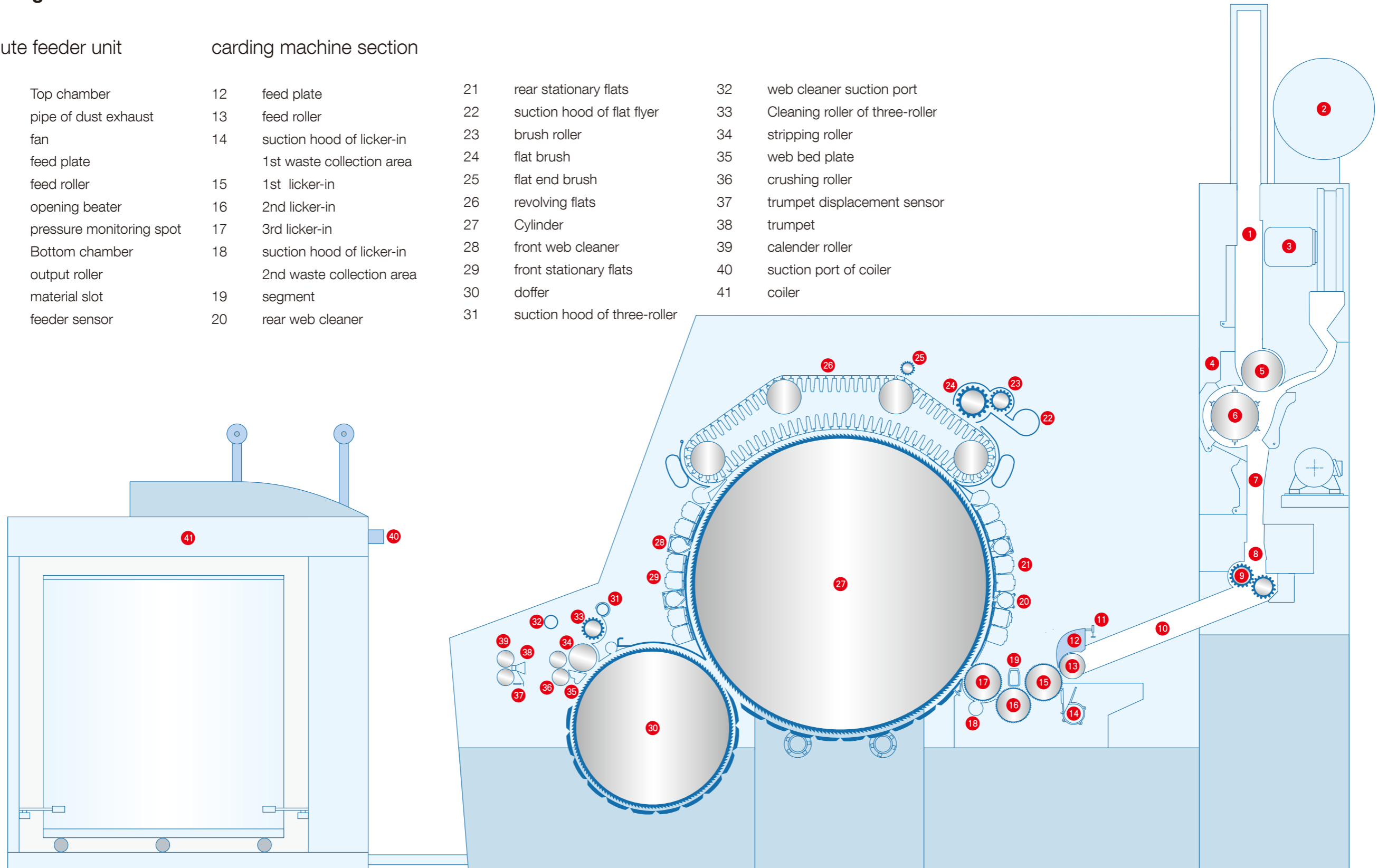
chute feeder unit

- 1 Top chamber
- 2 pipe of dust exhaust
- 3 fan
- 4 feed plate
- 5 feed roller
- 6 opening beater
- 7 pressure monitoring spot
- 8 Bottom chamber
- 9 output roller
- 10 material slot
- 11 feeder sensor

carding machine section

- 12 feed plate
- 13 feed roller
- 14 suction hood of licker-in
- 15 1st licker-in
- 16 2nd licker-in
- 17 3rd licker-in
- 18 suction hood of licker-in
- 19 segment
- 20 rear web cleaner
- 21 rear stationary flats
- 22 suction hood of flat flyer
- 23 brush roller
- 24 flat brush
- 25 flat end brush
- 26 revolving flats
- 27 Cylinder
- 28 front web cleaner
- 29 front stationary flats
- 30 doffer
- 31 suction hood of three-roller

- 32 web cleaner suction port
- 33 Cleaning roller of three-roller
- 34 stripping roller
- 35 web bed plate
- 36 crushing roller
- 37 trumpet displacement sensor
- 38 trumpet
- 39 calender roller
- 40 suction port of coiler
- 41 coiler



► Lifted up cylinder

Arc length of carding section is lengthened, which is suitable for optimized quantity of stationary flats and web cleaner. In order to enhance carding and ensure outstanding quality level.

► Widened machine

Machine width is up to 1.28m and carding surface is up to 3.61m². Ensure higher yield and save cost in land, labor and energy.

► Three licker-in

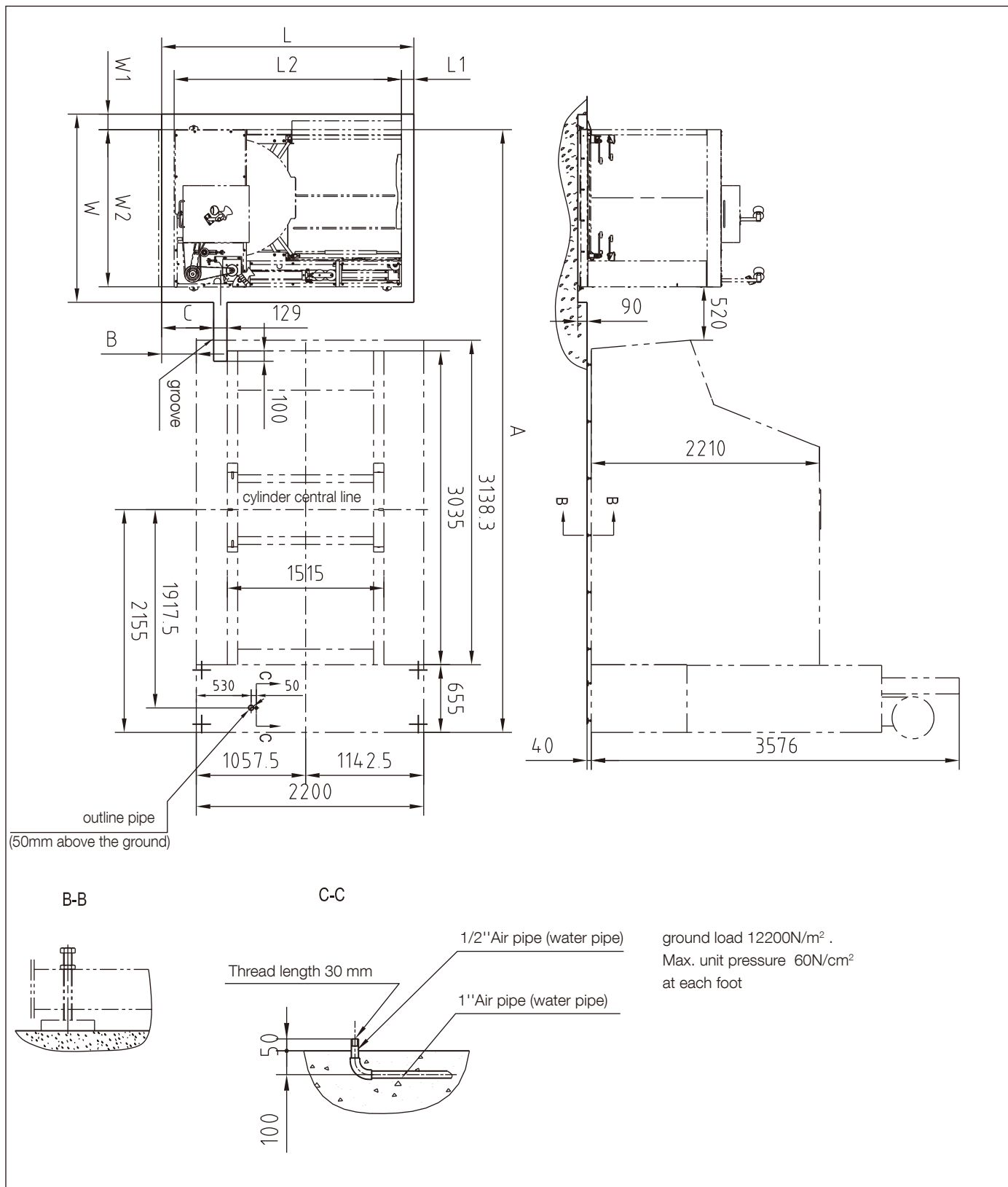
Unidirectional feed and V-shape three licker-in structure bring high efficiency of impurity removing.

► Length of licker-in dust dropping area can be adjusted outside

To meet the needs of different fibers and quality.

JSC 328-FT3

foundation drawing



model	can size	L	L1	L2	W	W1	W2	A	B	C
JSC 281-600	ø600	1700	150	1400	1450	150	1150	5465	0	172
JSC 281-900	ø900	2240	120	2000	1752	150	1452	5762	335	503
JSC 281-1000	ø1000	2440	120	2200	1820	150	1520	5830	335	503
JSC 280-600	ø600	1030	140	750	1250	150	950	5260	375	543
JSC 280-1000	ø1000	1480	140	1200	1700	150	1400	5710	335	503