

Volume 47/2024



INTERNATIONAL TEXTILE MACHINERY SHIPMENT STATISTICS

INTERNATIONAL TEXTILE MANUFACTURERS FEDERATION
FÉDÉRATION INTERNATIONALE DES INDUSTRIES TEXTILES
INTERNATIONALE VEREINIGUNG DER TEXTILINDUSTRIE



International Textile Machinery Shipment Statistics

Vol. 47/2024

International Textile Machinery Shipment Statistics has been compiled with the cooperation of over 200 manufacturers of spinning, drawtexturing, weaving, knitting, and finishing machinery. This number entails the Chinese companies which are included in the so-called "District". The 2024 coverage for each of these segments is virtually complete, with the continuation of comprehensive Mainland Chinese participation. In the context of this publication, the term shipment refers to machinery produced by the participating manufacturers for both the domestic market and export and physically shipped during the year under review. This should not be confused with sales or installations.

The actual number of short-staple ring spindles, open-end rotors, and shuttle-less looms (the latter divided into rapier/projectile, air-jet, and water-jet) shipped by the participating manufacturers during 2024 to the countries listed in this publication are shown alongside 2023 year-end capacity figures and cumulative shipments over the last 10 years in sections 1 and 3, respectively. In regard to long-staple ring spindles, drawtexturing spindles, and circular and flat knitting machinery (sections 1, 2, 4 and 5), cumulative shipment data is available, but installed capacities is not. For finishing machinery (section 6) no cumulative data are presented either. Volume 47 of the International Textile Machinery Shipment Statistics represents the 51st year of the statistical series. It was first published in 1974 (then titled International Cotton Industry Statistics Supplement).

Reading notes:

1/ Since 2019, ITMF estimates the total number of stenters shipped by companies not participating to the ITMSS survey to evaluate the global market size. These shipments are registered to the destination "Not specified (World)". Hence, the total number of shipped stenters represents the estimated total market for stenters.

2/ Blank cells in the tables represent zero unit.

3/ The regions called "Not specified (World w/o China)" and "Not specified (World w/o India)" entail shipments to unknown destinations outside China and India, respectively. The region called "Not specified (World)" entails shipments to any country on the planet.

4/ Long-Staple spindles installed capacities have not been updated. The figured are not shown in this report.

June 2025

International Textile Manufacturers Federation
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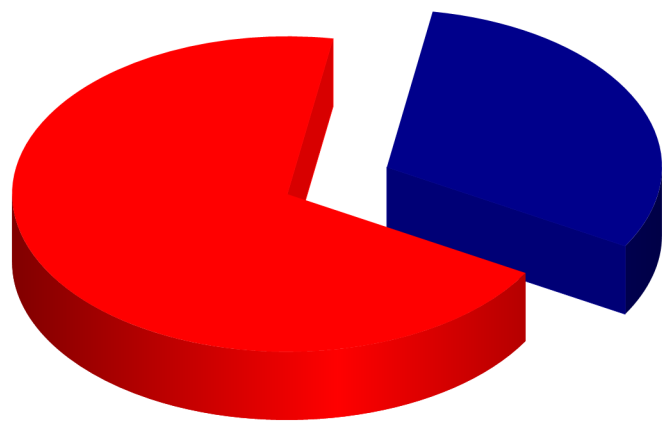


1 Spinning Machines

Country	Company	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
China	(All Chinese Manufacturers)	x	x	x	x	x	x	x	x	x	x
	Rieter Textile Systems	x	x	x	x	x	x	x	x	x	x
	Saurer China	x	x	x	x	x	x	x	x	x	x
Chinese Taipei	Sun Mien	x	-	x	x	x	x	x	x	-	-
Czech Rep.	Rieter CZ	x	x	x	x	x	x	x	x	x	x
Germany	Rieter Ingolstadt	x	x	x	x	x	x	x	x	x	x
	Saurer Schlafhorst	x	x	x	x	x	x	x	x	x	x
	Saurer Zinser	x	x	x	x	x	x	x	x	x	x
India	KTTM	x	x	x	x	x	x	-	-	-	-
	Lakshmi Machine Works	x	x	x	x	x	x	x	x	x	x
Italy	Bigagli	x	x	x	x	x	x	x	x	x	x
	Gaudino	x	x	x	x	x	x	x	x	x	x
	Marzoli	x	x	x	x	x	x	x	x	x	x
	Savio	x	x	x	x	x	x	x	-	-	-
Japan	Toyota	x	x	x	x	x	x	x	x	x	x
Switzerland	Rieter Machine Works	x	x	x	x	x	x	x	x	x	x

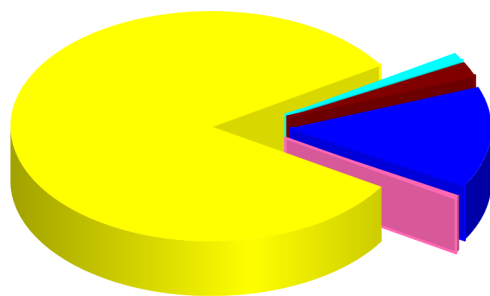
1 Spinning Machines

Long-Staple - Shipments



World w/o China 69.3% China 30.7%

Shipments 2024
Total World: 157'912

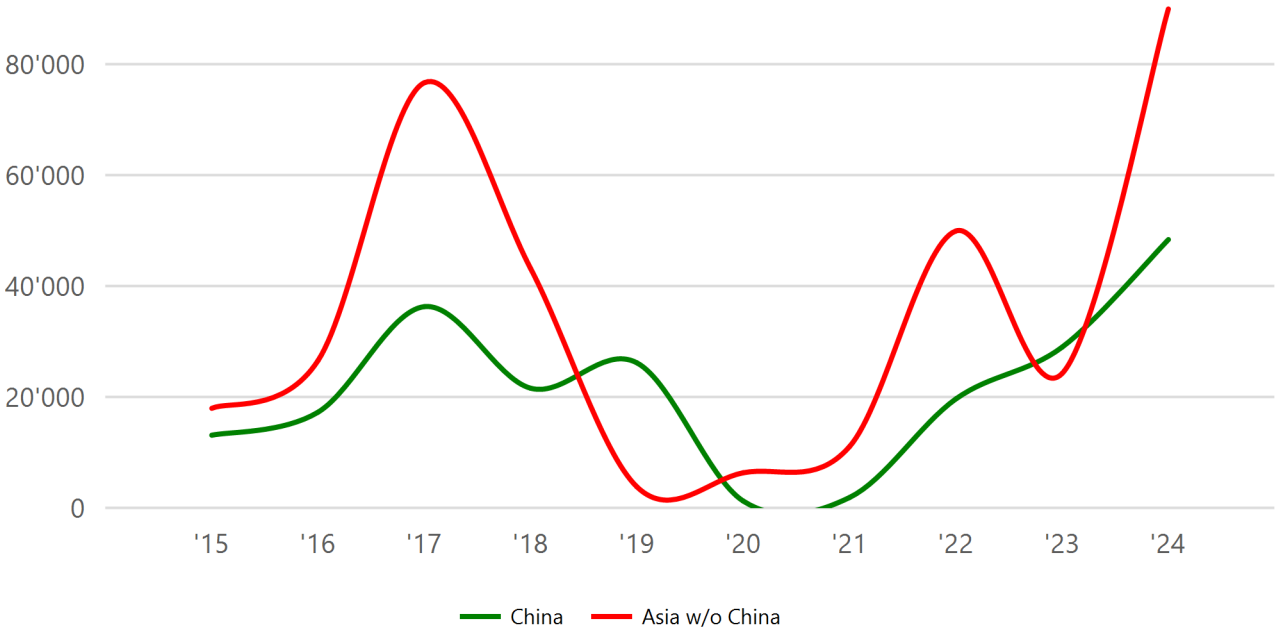


America, South 0.5% Asia w/o China 82.2% Europe, East 1.2% Europe, Others 2.0% Europe, West 14.1%

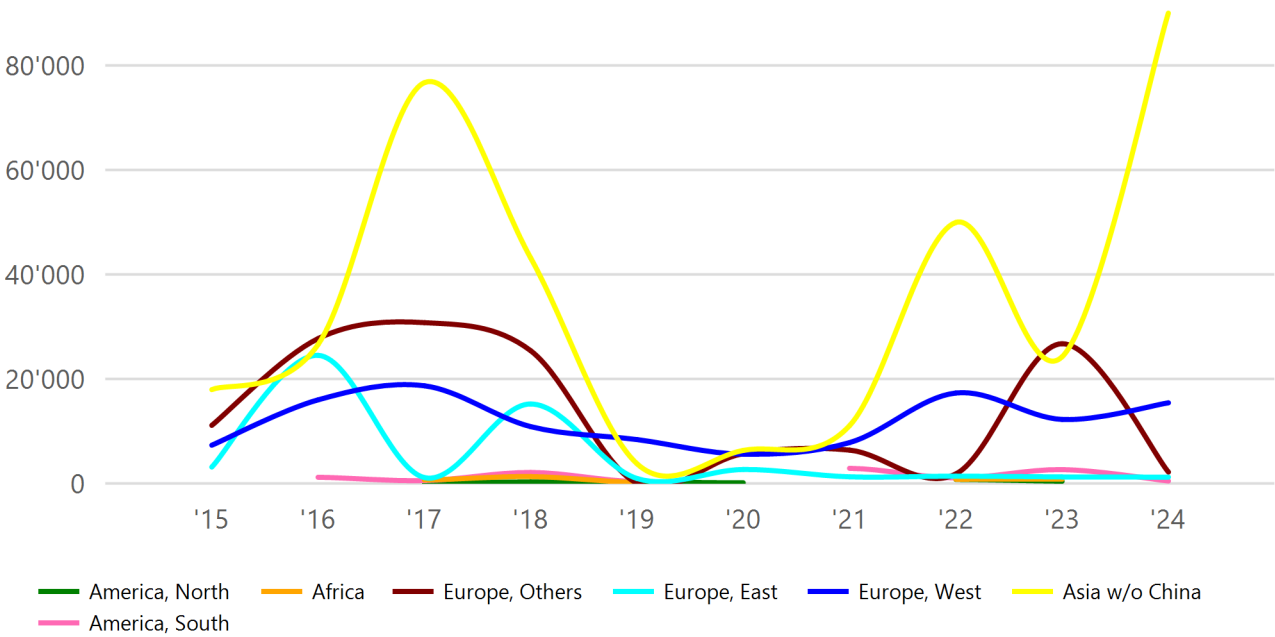
Shipments 2024
Total World without China: 109'480

1 Spinning Machines

Long-Staple - Shipments



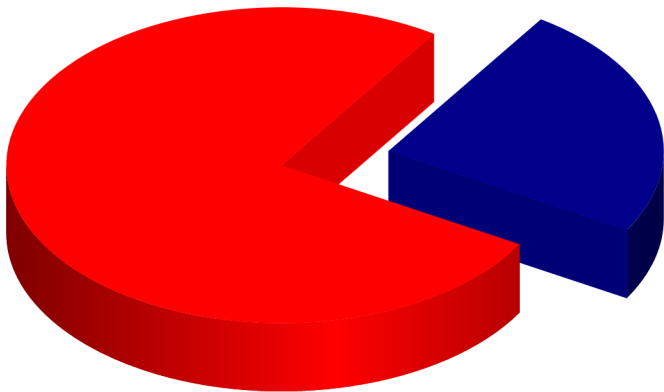
Shipments 2015 - 2024



Shipments 2015 - 2024

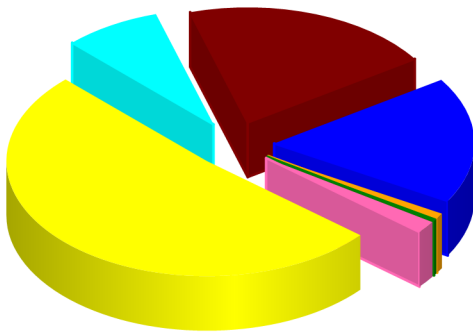
1 Spinning Machines

Long-Staple - Cumulative Shipments



Cumulative Shipments 2015 - 2024

Total World: 895'994



- Africa 0.7%

America, South 1.7%

Europe, East 7.8%

Europe, Others 20.3%

Europe, West 17.6%
- America, North 0.3%

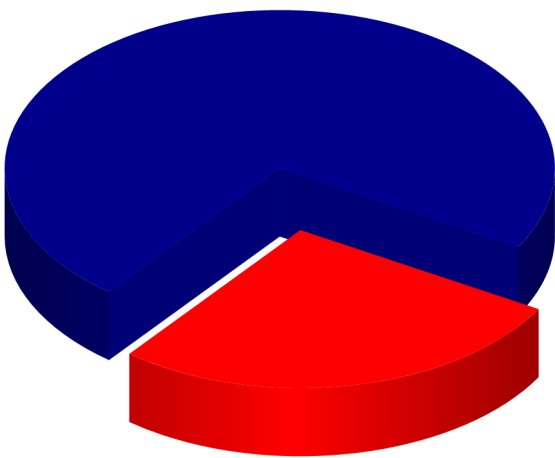
Asia w/o China 51.4%

Cumulative Shipments 2015 - 2024

Total World without China: 680'982

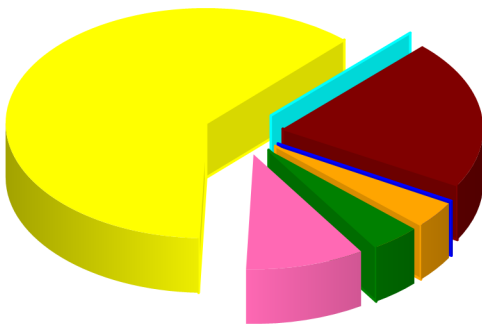
1 Spinning Machines

Rotors - Shipments



World w/o China 27.3% China 72.7%

Shipments 2024
Total World: 623'470

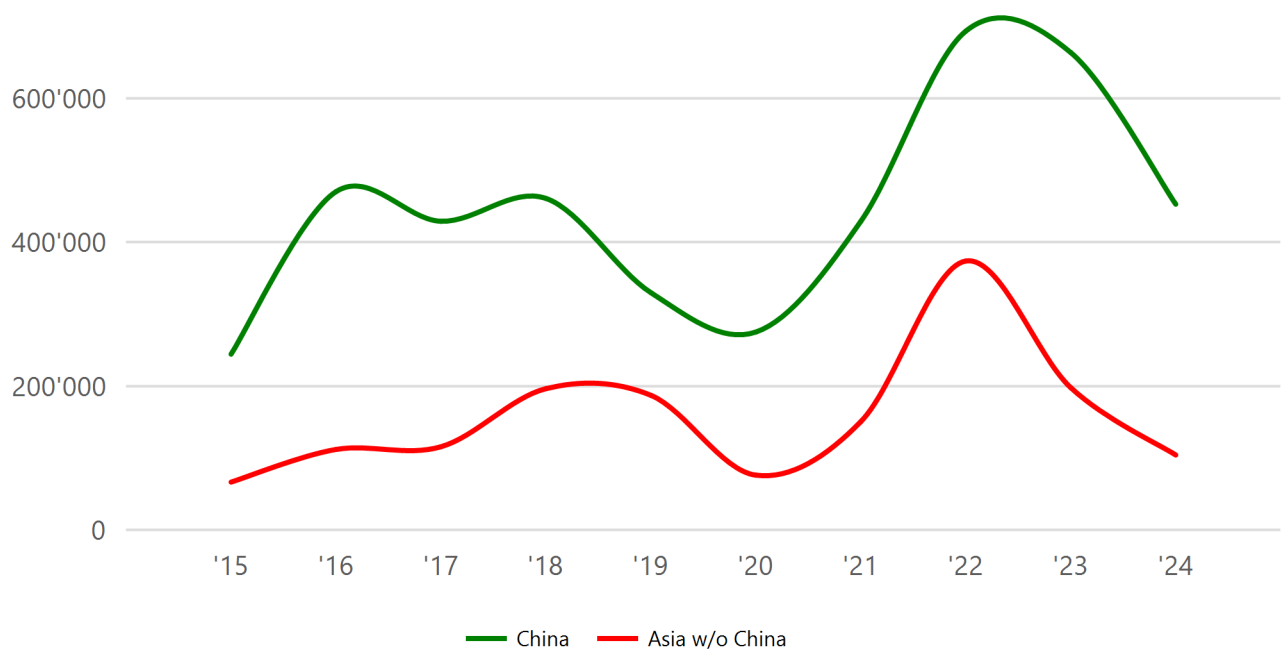


Africa 3.7% America, South 9.6% Europe, East 0.1% Europe, Others 20.8% Europe, West 0.2%
America, North 3.9% Asia w/o China 61.3%

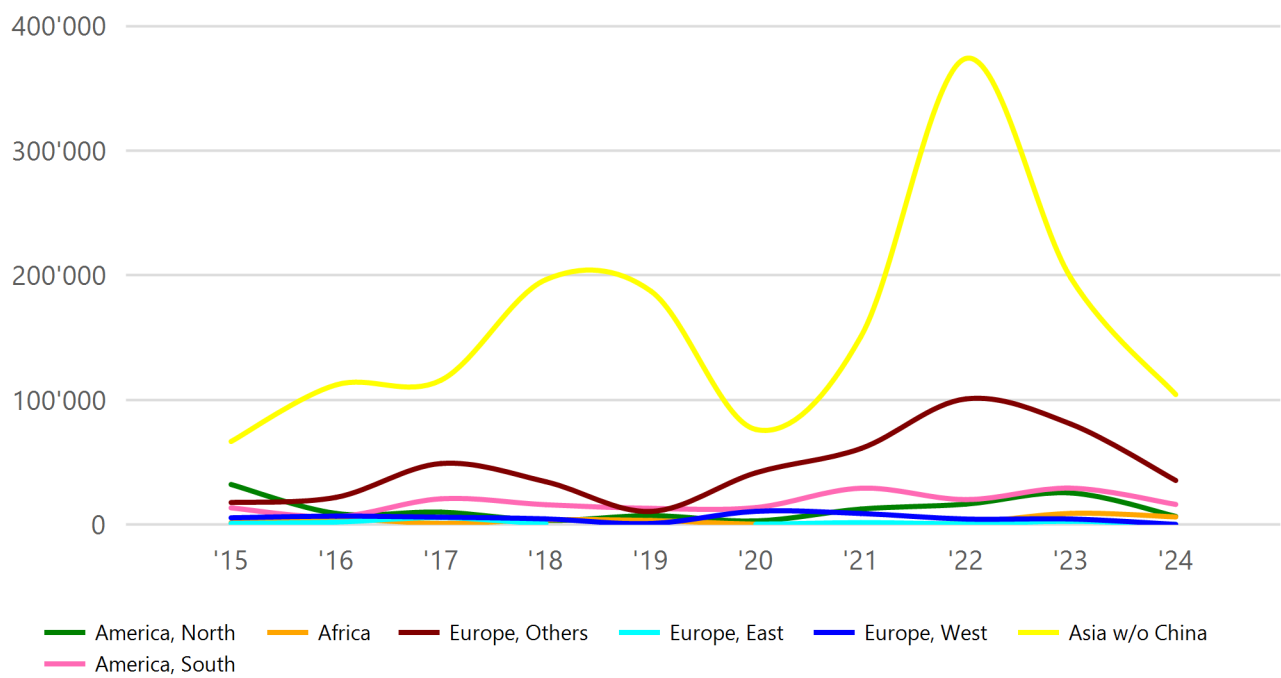
Shipments 2024
Total World without China: 170'470

1 Spinning Machines

Rotors - Shipments



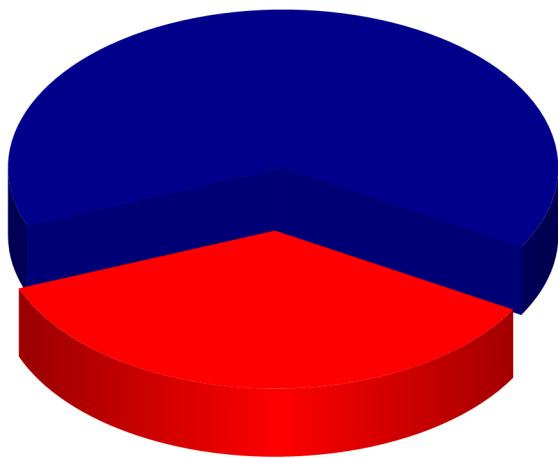
Shipments 2015 - 2024



Shipments 2015 - 2024

1 Spinning Machines

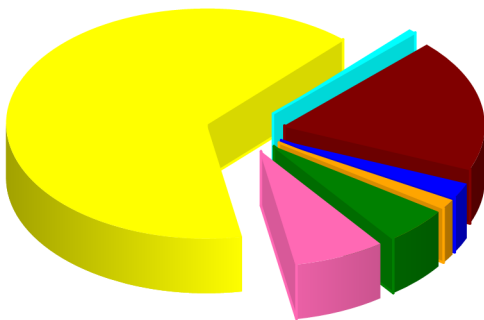
Rotors - Cumulative Shipments



World w/o China 35.7% China 64.3%

Cumulative Shipments 2015 - 2024

Total World: 6'921'840



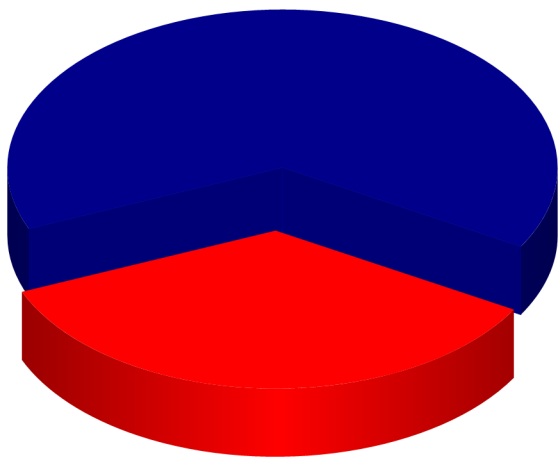
Africa 1.3% America, South 7.2% Europe, East 0.6% Europe, Others 18.4% Europe, West 2.2%
America, North 5.1% Asia w/o China 64.0%

Cumulative Shipments 2015 - 2024

Total World without China: 2'471'466

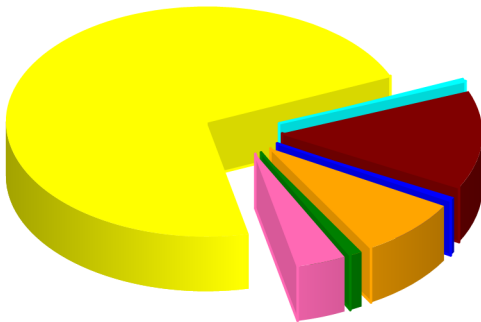
1 Spinning Machines

Short-Staple - Shipments



World w/o China 35.3% China 64.7%

Shipments 2024
Total World: 5'915'960

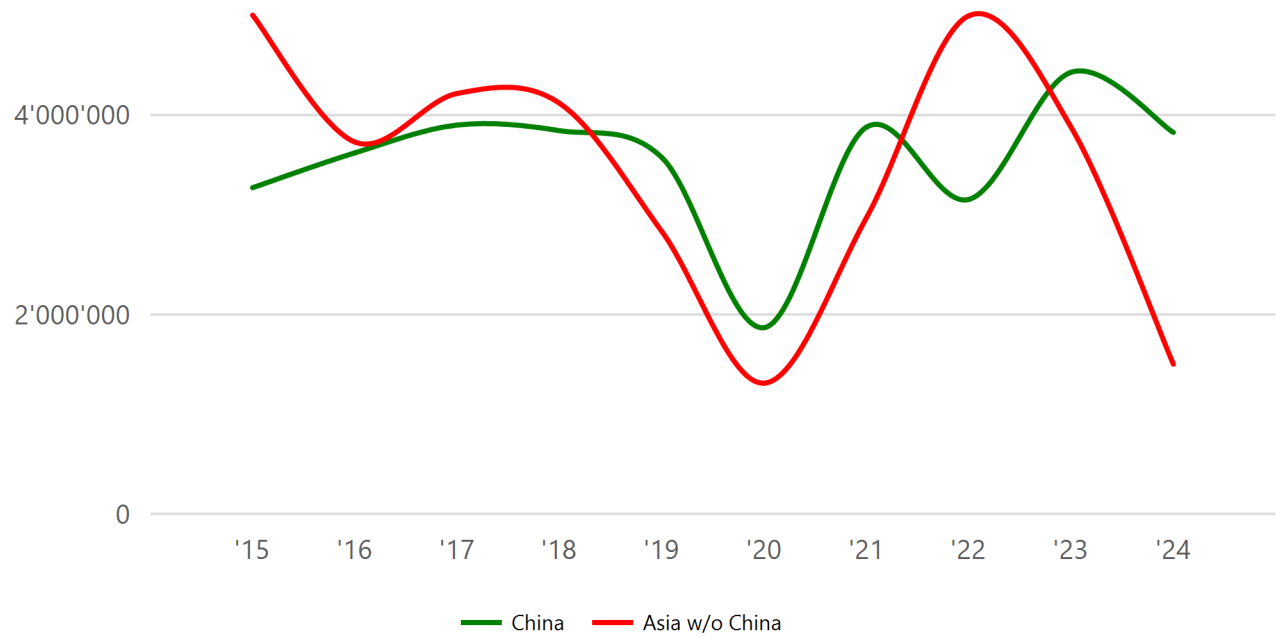


Africa 8.3% America, South 4.0% Europe, East 0.5% Europe, Others 13.8% Europe, West 0.5%
America, North 1.0% Asia w/o China 71.9%

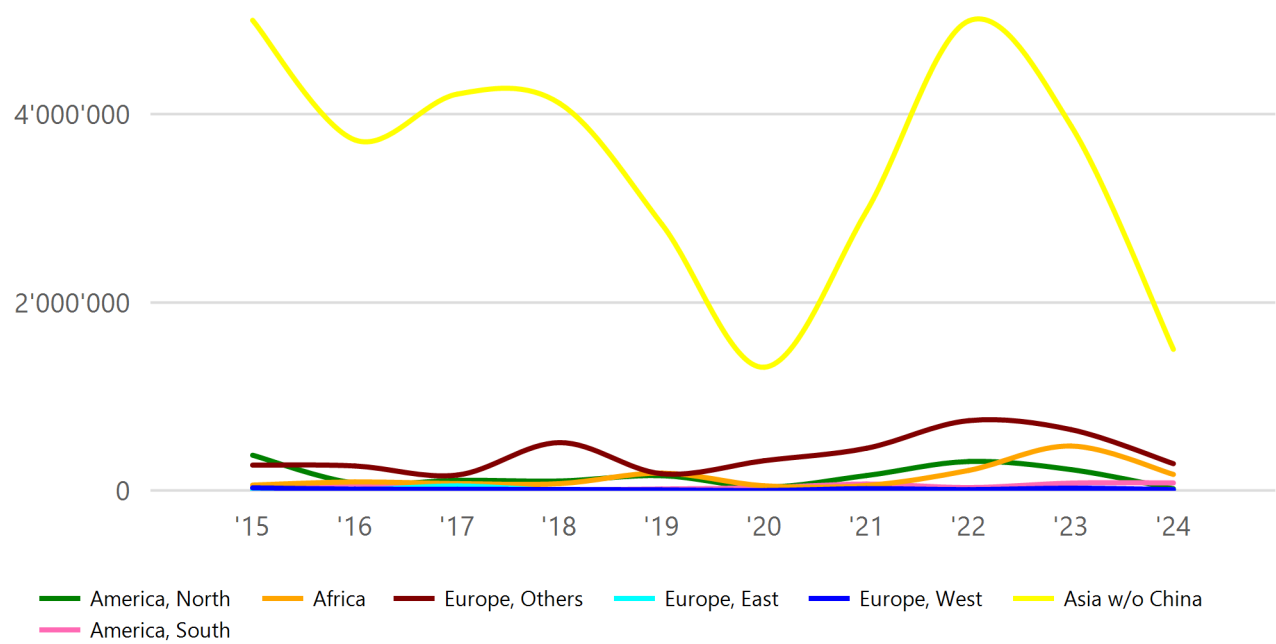
Shipments 2024
Total World without China: 2'090'456

1 Spinning Machines

Short-Staple - Shipments



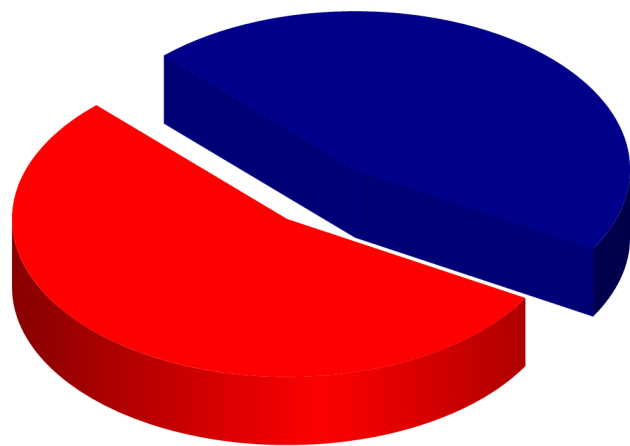
Shipments 2015 - 2024



Shipments 2015 - 2024

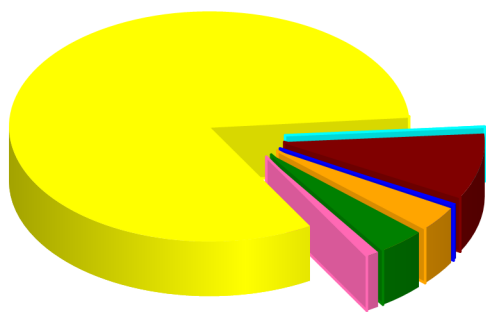
1 Spinning Machines

Short-Staple - Cumulative Shipments



Cumulative Shipments 2015 - 2024

Total World: 77'679'455



Africa 3.5% America, South 1.0% Europe, East 0.2% Europe, Others 9.1% Europe, West 0.4%
America, North 3.8% Asia w/o China 81.7%

Cumulative Shipments 2015 - 2024

Total World without China: 42'316'079

1 Spinning Machines

Table 1.1

World (destination)	Capacity Installed 2023			Cumulative Shipments 2015 - 2024			Shipments 2024		
	Rotors	Spindles		Rotors	Spindles		Rotors	Spindles	
		Long-Staple	Short-Staple		Long-Staple	Short-Staple		Long-Staple	Short-Staple
Africa	85'130		3'582'870	32'490	4'980	1'466'802	6'298		173'586
America, North	264'040		4'525'850	126'550	2'356	1'590'603	6'692		21'312
America, South	429'400		5'719'820	178'952	11'700	442'074	16'312	524	82'656
Asia and Oceania	7'614'360		208'060'930	6'033'170	565'126	70'080'312	557'424	138'416	5'328'462
Europe, East	235'290		562'270	15'746	53'260	89'718	234	1'260	10'560
Europe, Others	948'550		8'803'250	454'192	138'380	3'848'718	35'512	2'232	287'912
Europe, West	134'990		411'940	53'354	120'192	161'228	288	15'480	11'472
Not Specified				27'386		9'408	710		
World	9'711'760		231'666'930	6'921'840	895'994	77'679'455	623'470	157'912	5'915'960

Table 1.2

Africa (destination)	Capacity Installed 2023			Cumulative Shipments 2015 - 2024			Shipments 2024		
	Rotors	Spindles		Rotors	Spindles		Rotors	Spindles	
		Long-Staple	Short-Staple		Long-Staple	Short-Staple		Long-Staple	Short-Staple
Algeria	2'700		191'960	2'700		120'760			
Angola	400		108'750						
Benin	8'450		99'710	2'456		81'600			21'888
Burkina Faso	3'600		10'310	2'640		3'312			
Cameroon	1'990		35'000						
Djibouti	1'240		22'580	1'240		22'680			
Egypt	12'520		1'715'920	12'978		1'030'812	3'424		147'540
Ethiopia	2'090		328'630	1'902		114'480			
Ghana	230		73'370						
Ivory Coast	3'000		10'000						
Kenya	720		81'700	554		19'950	266		2'238
Lesotho	3'520		68'920						
Madagascar	2'360		50'870			1'440			
Malawi			60'390			25'380			
Mauritius	820		113'340	1'156		3'348	340		
Morocco	18'940		305'470		1'368	18'240			1'920
Mozambique			10'000						
Nigeria	3'780		25'620	1'098		5'144	394		
South Africa	8'600		60'000	3'932	3'612	1'224	936		
Sudan			21'580						
Tanzania	5'600		26'690			8'064			
Tunisia	780		60'120	216					
Uganda	490		34'300						
Zimbabwe	3'300		67'640	1'618		10'368	938		
Africa	85'130		3'582'870	32'490	4'980	1'466'802	6'298		173'586

1 Spinning Machines

Table 1.3

America, North (destination)	Capacity Installed 2023			Cumulative Shipments 2015 - 2024			Shipments 2024		
	Rotors	Spindles		Rotors	Spindles		Rotors	Spindles	
		Long-Staple	Short-Staple		Long-Staple	Short-Staple		Long-Staple	Short-Staple
Canada	1'620		63'760	320		4'752			
Costa Rica			120'070			71'808			
Cuba	760		6'000	720		6'000			
El Salvador	4'140		303'860	4'684		66'768	1'008		
Guatemala	3'520		524'900	748	208	187'672			20'976
Honduras	9'640		299'110	9'636		300'844			
Mexico	35'340		2'395'000	64'422		475'781	5'636		
Nicaragua	2'940		113'150	2'940		69'462			336
Not specified (America, North)						9'408			
U.S.A.	206'080		700'000	43'080	2'148	398'108	48		
America, North	264'040		4'525'850	126'550	2'356	1'590'603	6'692		21'312

Table 1.4

America, South (destination)	Capacity Installed 2023			Cumulative Shipments 2015 - 2024			Shipments 2024		
	Rotors	Spindles		Rotors	Spindles		Rotors	Spindles	
		Long-Staple	Short-Staple		Long-Staple	Short-Staple		Long-Staple	Short-Staple
Argentina	41'220		346'000	32'964		94'166	912		17'280
Bolivia	3'580		22'750	1'430	5'760				
Brazil	369'280		4'052'930	137'964		293'696	15'400		35'136
Chile	1'630		20'290						
Colombia	9'440		50'780		120	19'200			
Ecuador	3'040		170'470	1'062	1'728				
Paraguay				3'228					
Peru	90		582'740	2'304	4'092	35'012		524	30'240
Venezuela	1'120		473'860						
America, South	429'400		5'719'820	178'952	11'700	442'074	16'312	524	82'656

1 Spinning Machines

Table 1.5

Asia and Oceania (destination)	Capacity Installed 2023			Cumulative Shipments 2015 - 2024			Shipments 2024		
	Rotors	Spindles		Rotors	Spindles		Rotors	Spindles	
		Long-Staple	Short-Staple		Long-Staple	Short-Staple		Long-Staple	Short-Staple
Afghanistan			14'040			14'040			
Bahrain	480		28'040			20'400			
Bangladesh	325'150		16'220'020	139'430		5'482'832	10'964		262'194
Brunei Darussalam	560								
Cambodia	4'280		9'590	4'282		9'574			
China	4'400'000		85'000'000	4'450'374	215'012	35'363'376	453'000	48'432	3'825'504
Chinese Taipei	53'610		460'540		2'484	540			
Hong Kong, China	10'900		6'150	7'128					
India	1'213'170		57'818'660	571'320	33'666	15'499'570	48'282	5'664	907'712
Indonesia	127'320		11'502'000	77'504	28'356	1'776'132	1'794		105'684
Iran	204'220		2'680'000	21'852	216'408	367'620	720	62'400	26'832
Iraq	940		70'000						
Israel			2'250						
Japan	10'000		769'000	840	192	9'516	24		
Jordan	90		15'040						
Kazakhstan	21'260		116'060						
Korea, P.R.	400		33'190						
Korea, Rep.	6'620		356'790	724		8'524			
Kyrgyzstan			17'500			996			456
Lao Peoples Democratic Republic			480						
Malaysia	40'120		514'510	22'840	384	255'216	1'440		
Mongolia					3'700			1'200	
Myanmar	4'900		540'520	1'700		71'978			19'182
Nepal	1'020		96'040	1'020		51'984			
New Zealand					1'000				
Oman	3'530			3'528					
Pakistan	310'610		13'995'770	222'390	448	3'737'856	7'444		72'926
Philippines	13'920		656'810			10'944			
Saudi Arabia			10'260			10'260			
Singapore	5'960			5'956					
Sri Lanka	120		12'690			540			
Syria	27'070		261'410			1'200			
Tadzhikistan	34'210		125'110	8'500		76'384			
Thailand	22'160		1'657'180	12'396	320	71'328		320	4'800
Turkmenistan	40'320		366'290	6'904	5'748	87'072	1'320		10'944
United Arab Emirates	10'200		103'840	10'198		47'616			
Uzbekistan	411'420		4'770'700	206'656	18'972	3'405'946	528		81'792
Vietnam	309'800		9'830'450	257'628	38'436	3'698'868	31'908	20'400	10'436
Asia and Oceania	7'614'360		208'060'930	6'033'170	565'126	70'080'312	557'424	138'416	5'328'462

1 Spinning Machines

Table 1.6

Europe, East (destination)	Capacity Installed 2023			Cumulative Shipments 2015 - 2024			Shipments 2024		
	Rotors	Spindles		Rotors	Spindles		Rotors	Spindles	
		Long-Staple	Short-Staple		Long-Staple	Short-Staple		Long-Staple	Short-Staple
Albania			55'830						
Armenia	7'260		3'920	960					
Azerbaijan	23'850		119'020	6'048	528	43'776			
Belarus	19'500		26'460	840	3'568				
Bulgaria	36'730		46'240		5'976				
Croatia	410		27'510	642		7'008	234		
Czech Republic	3'430		9'210	1'276	11'904				
Estonia	27'380		63'210						
Hungary	9'810		13'200		216				
Latvia	9'180		27'400		360				
Lithuania	8'500		23'370						
Macedonia					684				
Moldova	6'100		63'210						
Poland	410		13'640		15'968			684	
Romania	1'510		10'000	792	11'056			576	
Russia	66'410		18'170	5'188		10'974			
Slovakia	9'250		13'190		3'000	7'896			
Slovenia			27'050			20'064			10'560
Ukraine	5'560		1'640						
Europe, East	235'290		562'270	15'746	53'260	89'718	234	1'260	10'560

Table 1.7

Europe, Others (destination)	Capacity Installed 2023			Cumulative Shipments 2015 - 2024			Shipments 2024		
	Rotors	Spindles		Rotors	Spindles		Rotors	Spindles	
		Long-Staple	Short-Staple		Long-Staple	Short-Staple		Long-Staple	Short-Staple
Türkiye	948'550		8'803'250	454'192	138'380	3'848'718	35'512	2'232	287'912
Europe, Others	948'550		8'803'250	454'192	138'380	3'848'718	35'512	2'232	287'912

Table 1.8

Europe, West (destination)	Capacity Installed 2023			Cumulative Shipments 2015 - 2024			Shipments 2024		
	Rotors	Spindles		Rotors	Spindles		Rotors	Spindles	
		Long-Staple	Short-Staple		Long-Staple	Short-Staple		Long-Staple	Short-Staple
Austria	14'450		13'620	444	416	33'024			
Belgium	9'230			1'800	4'176			1'296	
Finland				96		144			
France	3'890		17'690	504					
Germany	8'000		14'690	1'248		21'172			
Greece	1'610		80'940			10'368			
Iceland					72				
Italy	31'280		32'270	9'420	98'612	9'456		8'592	3'024
Netherlands	300			10'840					
Norway					1'440			1'152	
Portugal	33'580		151'000	15'216	6'928	38'292	288	3'240	4'800
Spain	31'580		93'570	13'786	2'676	41'428			3'648
Switzerland	1'070		680		288	144			
U.K.			7'480		5'584	7'200		1'200	
Europe, West	134'990		411'940	53'354	120'192	161'228	288	15'480	11'472

1 Spinning Machines

Table 1.9

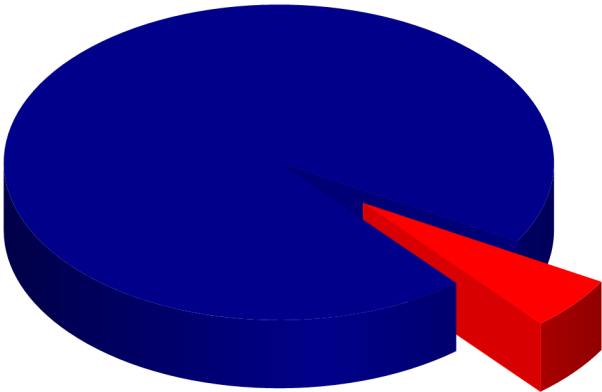
Not Specified (destination)	Capacity Installed 2023			Cumulative Shipments 2015 - 2024			Shipments 2024		
	Rotors	Spindles		Rotors	Spindles		Rotors	Spindles	
		Long-Staple	Short-Staple		Long-Staple	Short-Staple		Long-Staple	Short-Staple
Not specified (America, North)						9'408			
Not specified (World w/o China)				5'416					
Not specified (World)				21'970			710		
Not Specified				27'386		9'408	710		

2 Drawtexturing Machines

Country	Company	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
China	(All Chinese Manufacturers)	x	x	x	x	x	x	x	x	x	x
Germany	Oerlikon Barmag	x	x	x	x	x	x	x	x	x	x
India	Aalidhra	-	-	x	-	-	-	-	-	-	-
	Himson	x	x	x	-	-	-	-	-	-	-
Italy	SSM Guidici (formerly Guidici)	x	x	x	x	x	x	x	x	x	x
Japan	TMT	x	x	x	x	x	x	x	x	x	x
Switzerland	SSM	x	x	x	x	x	x	x	x	x	x

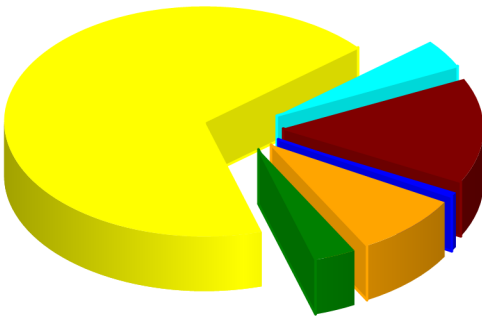
2 Drawtexturing Machines

Double Heater - Shipments



World w/o China 5.5% China 94.5%

Shipments 2024
Total World: 964'362

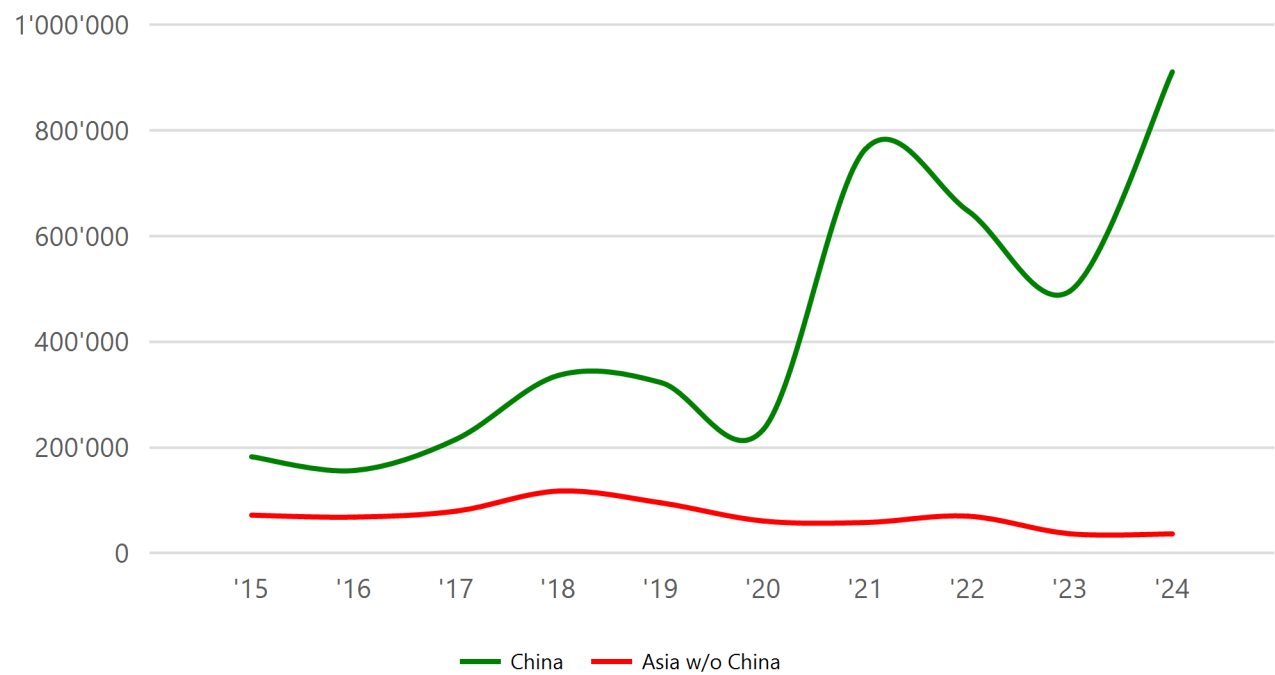


Africa 8.7% Asia w/o China 68.5% Europe, East 4.0% Europe, Others 14.8% Europe, West 0.7%
America, North 3.4%

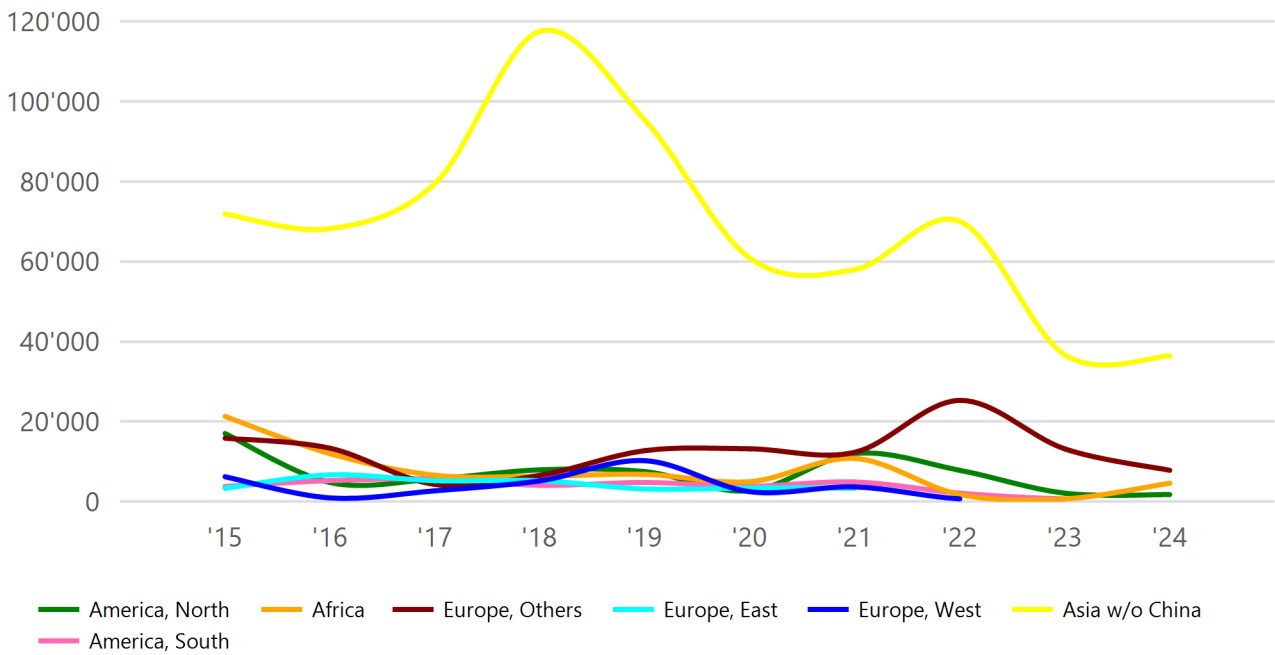
Shipments 2024
Total World without China: 53'214

2 Drawtexturing Machines

Double Heater - Shipments



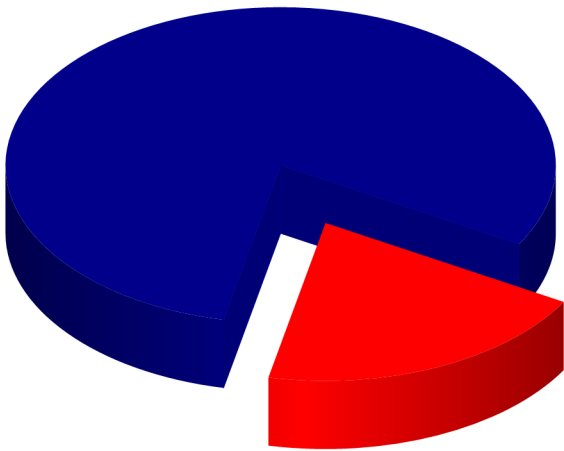
Shipments 2015 - 2024



Shipments 2015 - 2024

2 Drawtexturing Machines

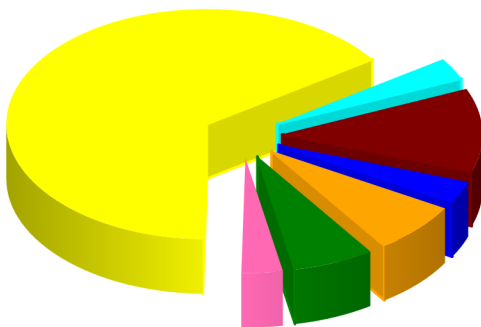
Double Heater - Cumulative Shipments



World w/o China 20.0% China 80.0%

Cumulative Shipments 2015 - 2024

Total World: 5'334'783



Africa 7.1% America, South 3.3% Europe, East 3.1% Europe, Others 11.7% Europe, West 3.1%

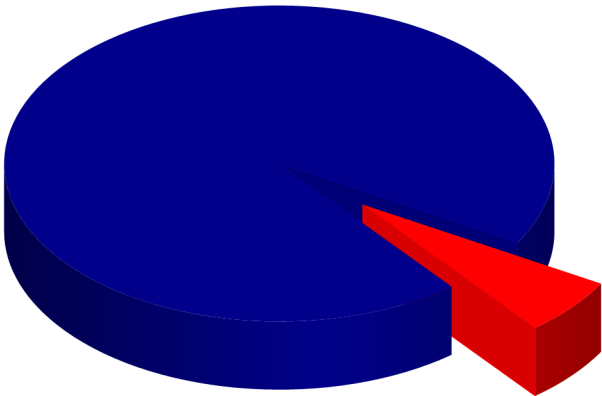
America, North 6.5% Asia w/o China 65.1%

Cumulative Shipments 2015 - 2024

Total World without China: 1'066'481

2 Drawtexturing Machines

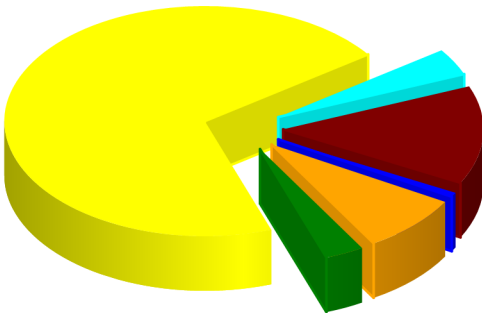
Single Heater - Shipments



World w/o China 5.9% China 94.1%

Shipments 2024

Total World: 83'978



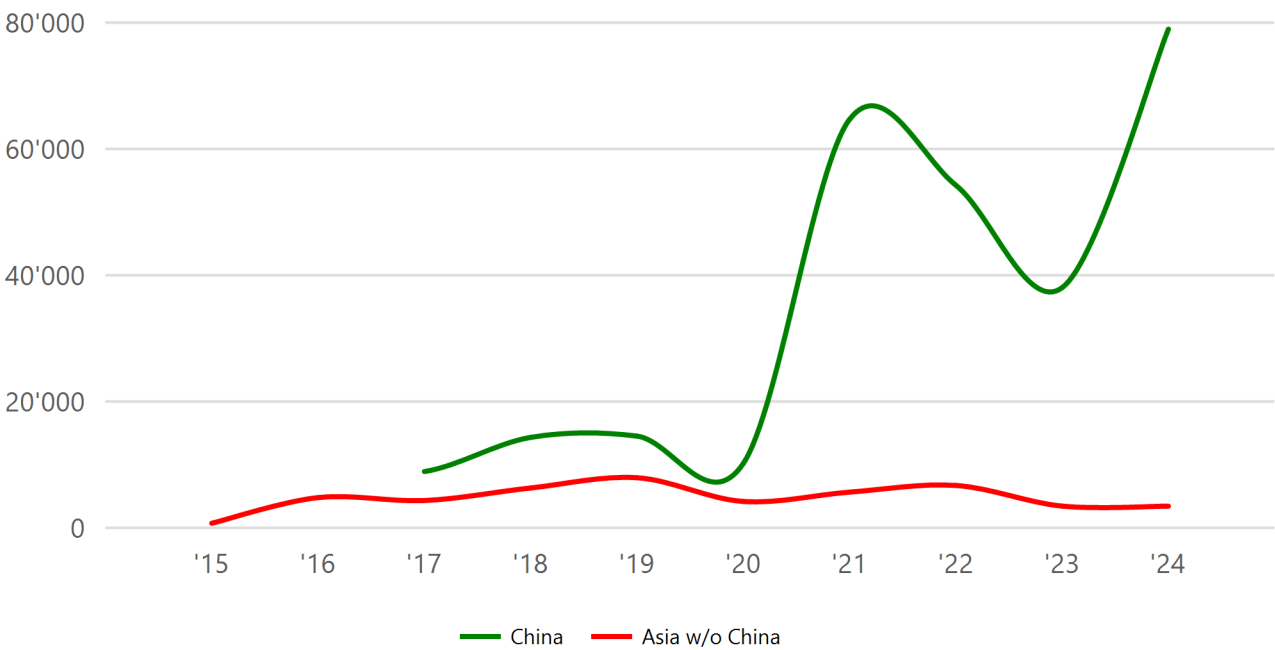
Africa 8.2% Asia w/o China 70.5% Europe, East 3.8% Europe, Others 13.8% Europe, West 0.6%
America, North 3.1%

Shipments 2024

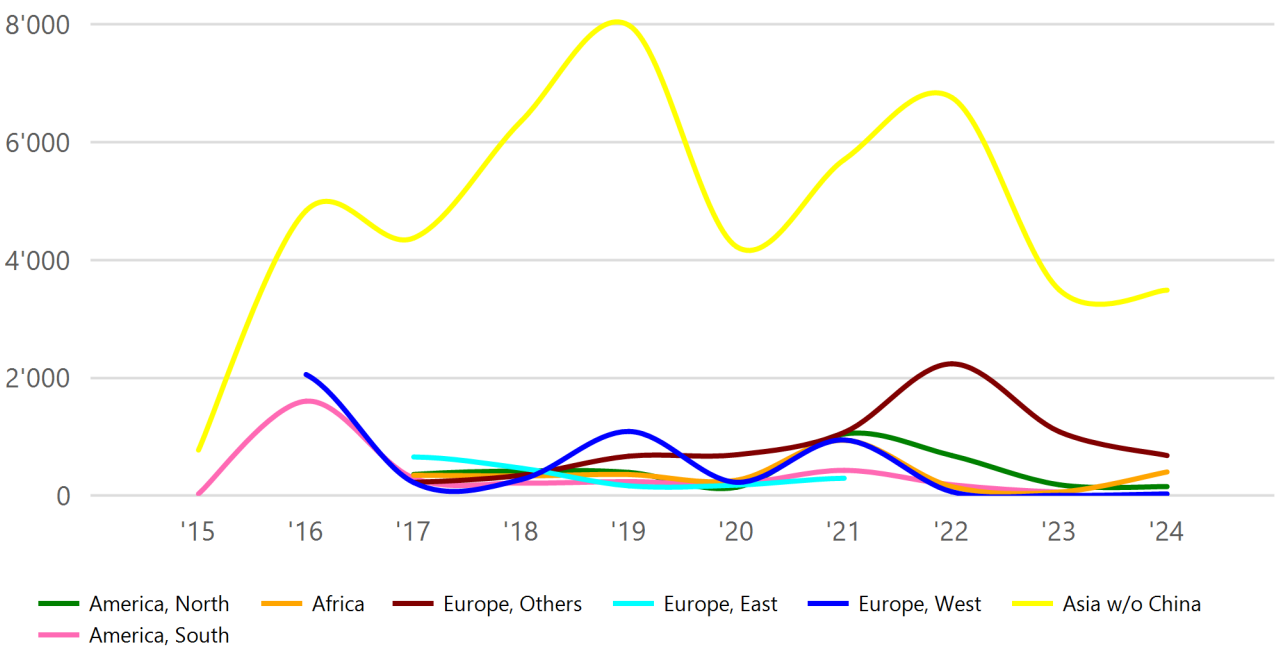
Total World without China: 4'950

2 Drawtexturing Machines

Single Heater - Shipments



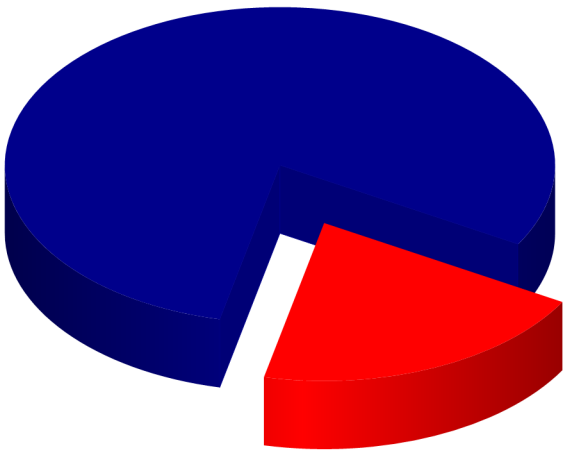
Shipments 2015 - 2024



Shipments 2015 - 2024

2 Drawtexturing Machines

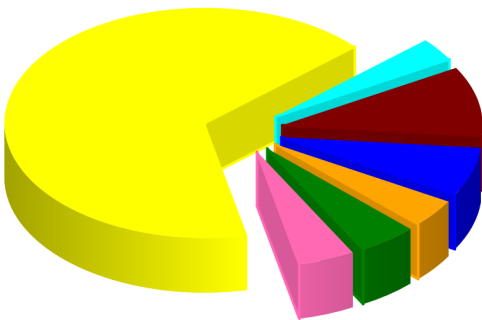
Single Heater - Cumulative Shipments



World w/o China 20.2% China 79.8%

Cumulative Shipments 2015 - 2024

Total World: 356'160



Africa 4.0% America, South 4.6% Europe, East 3.3% Europe, Others 9.8% Europe, West 6.9%
America, North 4.7% Asia w/o China 66.8%

Cumulative Shipments 2015 - 2024

Total World without China: 71'870

2 Drawtexturing Machines

Table 2.1

World (destination)	Cumulative Shipments 2015 - 2024			Shipments 2024		
	False Twist		Total	False Twist		Total
	Single Heater	Double Heater		Single Heater	Double Heater	
Africa	2'872	76'128	79'000	404	4'640	5'044
America, North	3'399	69'615	73'014	155	1'785	1'940
America, South	3'277	35'401	38'678			
Asia and Oceania	332'316	4'962'895	5'295'211	82'519	947'585	1'030'104
Europe, East	2'341	32'721	35'062	186	2'142	2'328
Europe, Others	7'028	124'948	131'976	683	7'853	8'536
Europe, West	4'927	32'728	37'655	31	357	388
Not Specified		347	347			
World	356'160	5'334'783	5'690'943	83'978	964'362	1'048'340

Table 2.2

Africa (destination)	Cumulative Shipments 2015 - 2024			Shipments 2024		
	False Twist		Total	False Twist		Total
	Single Heater	Double Heater		Single Heater	Double Heater	
Algeria	241	7'059	7'300			
Benin		240	240			
Central African Republic		8'840	8'840			
Djibouti	12	228	240			
Egypt	1'468	33'168	34'636	404	4'640	5'044
Ethiopia	147	2'829	2'976			
Ivory Coast	27	549	576			
Kenya	117	1'851	1'968			
Libya		240	240			
Mauritius	12	228	240			
Morocco	51	1'965	2'016			
Mozambique	12	1'188	1'200			
Nigeria	144	5'040	5'184			
Rwanda	308	3'628	3'936			
South Africa	159	4'737	4'896			
Sudan	24	456	480			
Tanzania	84	3'036	3'120			
Tunisia	54	618	672			
Uganda	12	228	240			
Africa	2'872	76'128	79'000	404	4'640	5'044

2 Drawtexturing Machines

Table 2.3

America, North (destination)	Cumulative Shipments 2015 - 2024			Shipments 2024		
	False Twist		Total	False Twist		Total
	Single Heater	Double Heater		Single Heater	Double Heater	
Canada	162	4'350	4'512			
Costa Rica	12	228	240			
Dominican Rep.	60	1'140	1'200			
El Salvador	385	6'471	6'856			
Guatemala	91	2'457	2'548			
Honduras	315	5'781	6'096			
Jamaica	12	228	240			
Mexico	264	6'516	6'780	93	1'071	1'164
U.S.A.	2'098	42'444	44'542	62	714	776
America, North	3'399	69'615	73'014	155	1'785	1'940

Table 2.4

America, South (destination)	Cumulative Shipments 2015 - 2024			Shipments 2024		
	False Twist		Total	False Twist		Total
	Single Heater	Double Heater		Single Heater	Double Heater	
Argentina	75	1'461	1'536			
Bolivia	51	765	816			
Brazil	2'164	9'298	11'462			
Chile	432	10'752	11'184			
Colombia	360	8'664	9'024			
Ecuador	60	1'620	1'680			
Peru	123	2'373	2'496			
Uruguay	12	228	240			
Venezuela		240	240			
America, South	3'277	35'401	38'678			

2 Drawtexturing Machines

Table 2.5

Asia and Oceania (destination)	Cumulative Shipments 2015 - 2024			Shipments 2024		
	False Twist		Total	False Twist		Total
	Single Heater	Double Heater		Single Heater	Double Heater	
Australia	171	4'005	4'176			
Bangladesh	1'473	17'995	19'468			
Cambodia	276	4'668	4'944			
China	284'290	4'268'302	4'552'592	79'028	911'148	990'176
Chinese Taipei	11'475	38'463	49'938		1'008	1'008
India	4'224	82'946	87'170	807	9'281	10'088
Indonesia	2'605	47'787	50'392	404	4'856	5'260
Iran	1'849	32'723	34'572			
Iraq	312	5'352	5'664			
Israel	1'836	1'086	2'922			
Japan	9'786	225'018	234'804	497	6'059	6'556
Jordan	74	1'662	1'736	31	357	388
Kazakhstan	36	684	720			
Korea, P.R.	396	12'084	12'480			
Korea, Rep.	640	11'604	12'244			
Kyrgyzstan	74	942	1'016			
Lebanon	72	2'808	2'880			
Malaysia	518	6'918	7'436			
Myanmar	291	5'565	5'856			
Nepal	12	468	480			
Pakistan	1'034	19'922	20'956			
Philippines	84	2'556	2'640			
Qatar	12	228	240			
Saudi Arabia	410	7'270	7'680			
Singapore	1'296	24'864	26'160			
Sri Lanka	518	3'003	3'521			
Syria	122	2'334	2'456	31	357	388
Tadzhikistan	480		480	480		480
Thailand	1'160	16'740	17'900			
United Arab Emirates	724	12'504	13'228	372	4'284	4'656
Uzbekistan	485	7'351	7'836	31	357	388
Vietnam	5'581	95'043	100'624	838	9'878	10'716
Asia and Oceania	332'316	4'962'895	5'295'211	82'519	947'585	1'030'104

2 Drawtexturing Machines

Table 2.6

Europe, East (destination)	Cumulative Shipments 2015 - 2024			Shipments 2024		
	False Twist		Total	False Twist		Total
	Single Heater	Double Heater		Single Heater	Double Heater	
Albania	36	924	960			
Armenia	12	228	240			
Azerbaijan	66	1'326	1'392			
Bulgaria	238	1'152	1'390			
Croatia	24	456	480			
Czech Republic		240	240			
Estonia	24	696	720			
Georgia	27	309	336			
Hungary	27	309	336			
Lithuania	24	1'176	1'200			
Macedonia	36	924	960			
Moldova		240	240			
Poland	12	468	480			
Romania	594	3'078	3'672	186	2'142	2'328
Russia	648	17'256	17'904			
Slovakia	408	456	864			
Ukraine	165	3'483	3'648			
Europe, East	2'341	32'721	35'062	186	2'142	2'328

Table 2.7

Europe, Others (destination)	Cumulative Shipments 2015 - 2024			Shipments 2024		
	False Twist		Total	False Twist		Total
	Single Heater	Double Heater		Single Heater	Double Heater	
Türkiye	7'028	124'948	131'976	683	7'853	8'536
Europe, Others	7'028	124'948	131'976	683	7'853	8'536

Table 2.8

Europe, West (destination)	Cumulative Shipments 2015 - 2024			Shipments 2024		
	False Twist		Total	False Twist		Total
	Single Heater	Double Heater		Single Heater	Double Heater	
Belgium	24	696	720			
Denmark	51	765	816			
France	288	5'472	5'760			
Germany	448	9'205	9'653			
Italy	3'230	1'770	5'000			
Luxembourg	62	954	1'016			
Netherlands		240	240			
Portugal	67	1'521	1'588	31	357	388
Spain	272	4'257	4'529			
Sweden	48	912	960			
Switzerland	17	228	245			
U.K.	420	6'708	7'128			
Europe, West	4'927	32'728	37'655	31	357	388

2 Drawtexturing Machines

Table 2.9

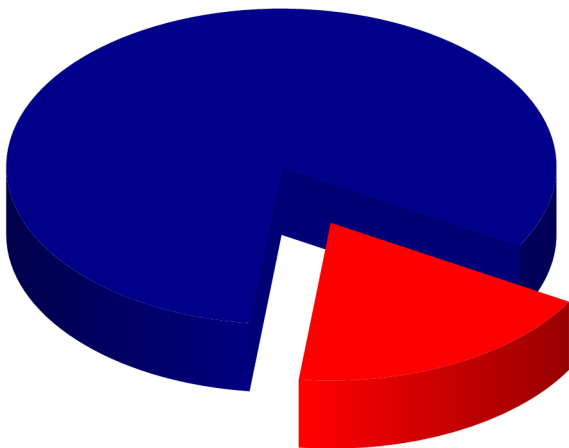
Not Specified (destination)	Cumulative Shipments 2015 - 2024			Shipments 2024		
	False Twist		Total	False Twist		Total
	Single Heater	Double Heater		Single Heater	Double Heater	
Not specified (World)		347	347			
Not Specified		347	347			

3 Weaving Machines

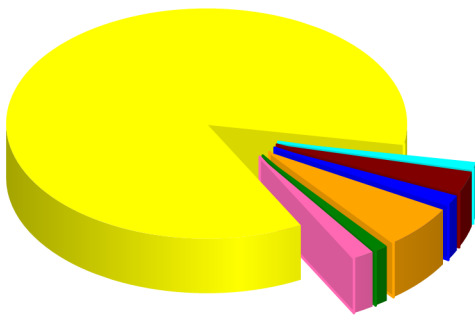
Country	Company	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Belgium	Picanol	x	x	x	x	x	x	x	x	x	x
	Van de Wiele	x	x	x	x	x	x	x	x	x	x
China	(All Chinese Manufacturers)	x	x	x	x	x	x	x	x	x	x
Czech Rep.	VUTS	x	x	x	x	x	-	-	-	-	-
Germany	Dornier	x	x	x	x	x	-	-	-	-	-
	Stäubli Bayreuth	-	-	-	x	x	x	-	-	x	x
India	Alidhra Weavetech	-	-	-	-	-	x	x	x	x	x
	Laxmi Shuttleless Looms	x	-	x	x	x	x	x	-	-	-
	Laxmi Tex Stores	x	-	-	-	-	-	-	-	-	-
	Lifebond Machines	-	x	x	-	-	x	x	x	x	x
Italy	ITEMA (formerly Promatech)	x	x	x	x	-	-	-	-	-	-
	ITEMA (formerly Promatech, Sultex)	-	-	-	-	x	x	x	x	x	x
	SMIT	-	x	x	x	x	x	x	-	-	-
Japan	Toyota	x	x	x	x	x	x	x	x	x	x
	Tsudakoma	x	x	x	x	x	x	x	x	x	x
Switzerland	ITEMA (formerly Promatech, Sultex)	-	-	-	-	x	x	x	x	x	x
	ITEMA (formerly Sultex)	x	x	x	x	-	-	-	-	-	-

3 Weaving Machines

Shuttleless Looms - Shipments



Shipments 2024
Total World: 225'800

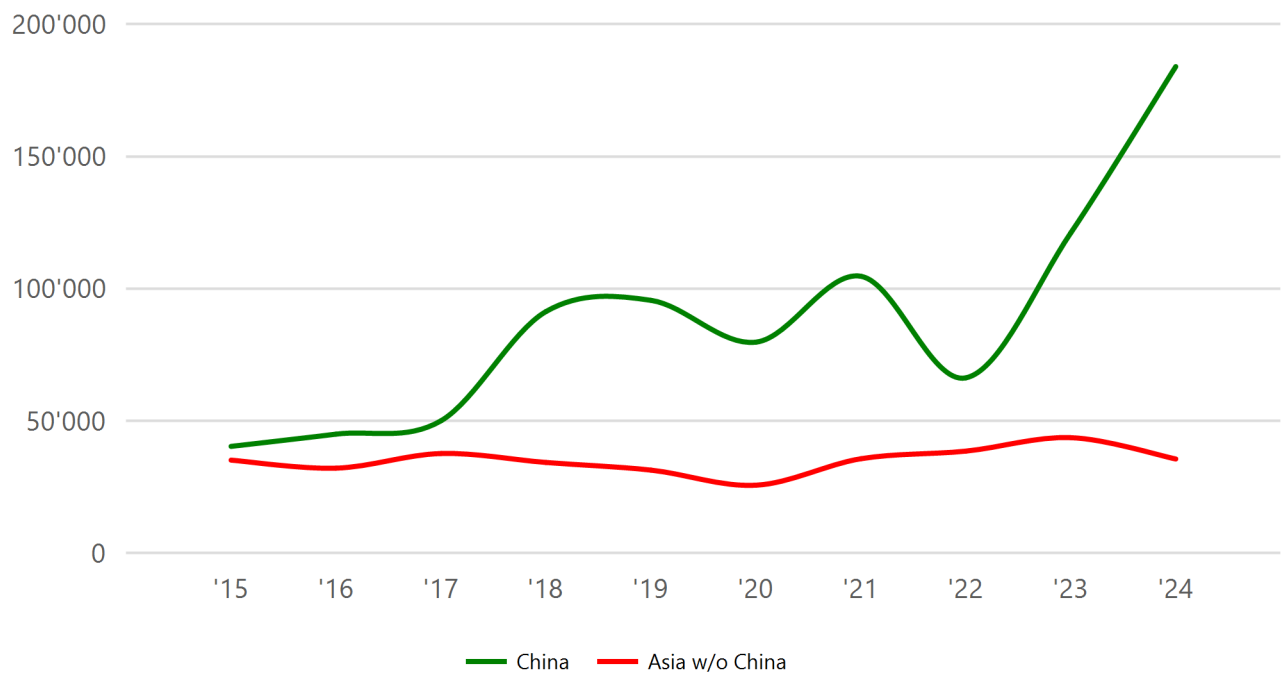


Africa 6.0% America, South 1.7% Europe, East 1.0% Europe, Others 3.1% Europe, West 1.5%
America, North 1.1% Asia w/o China 85.1%

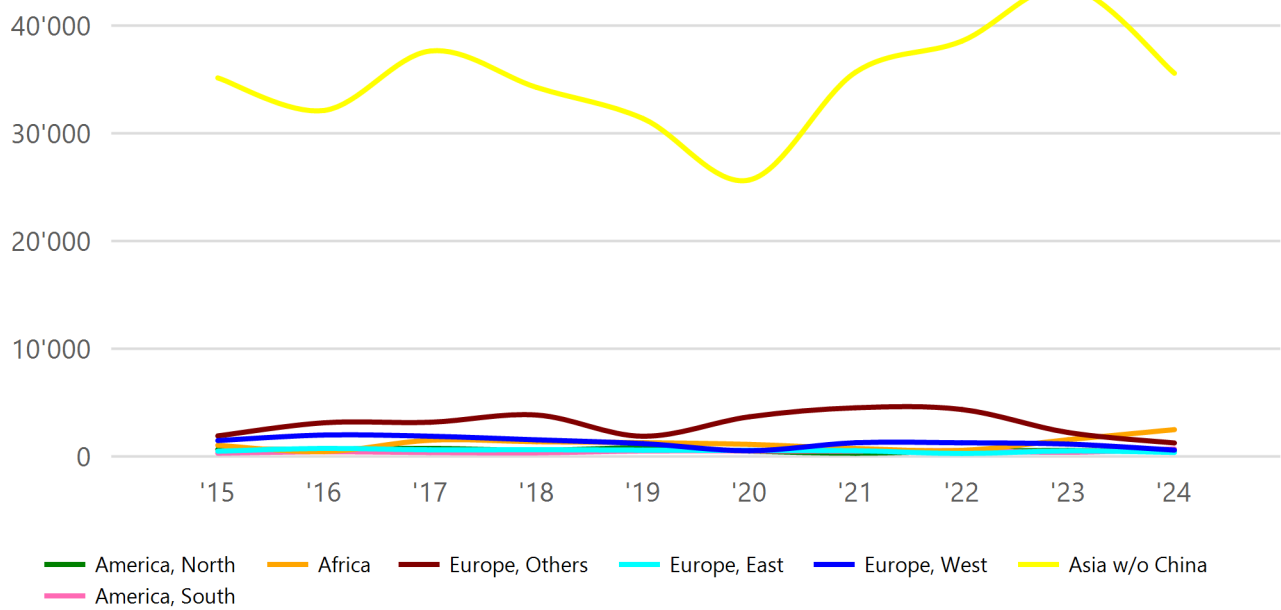
Shipments 2024
Total World without China: 41'830

3 Weaving Machines

Shuttleless Looms - Shipments



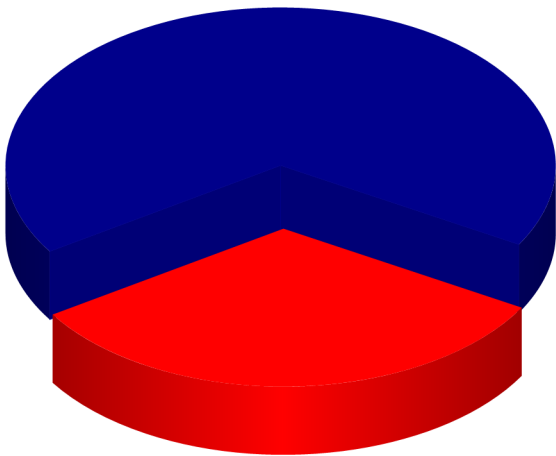
Shipments 2015 - 2024



Shipments 2015 - 2024

3 Weaving Machines

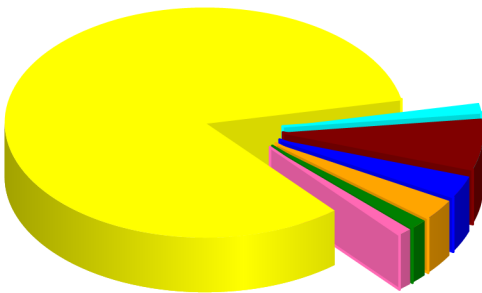
Shuttleless Looms - Cumulative Shipments



World w/o China 32.5% China 67.5%

Cumulative Shipments 2015 - 2024

Total World: 1'301'244



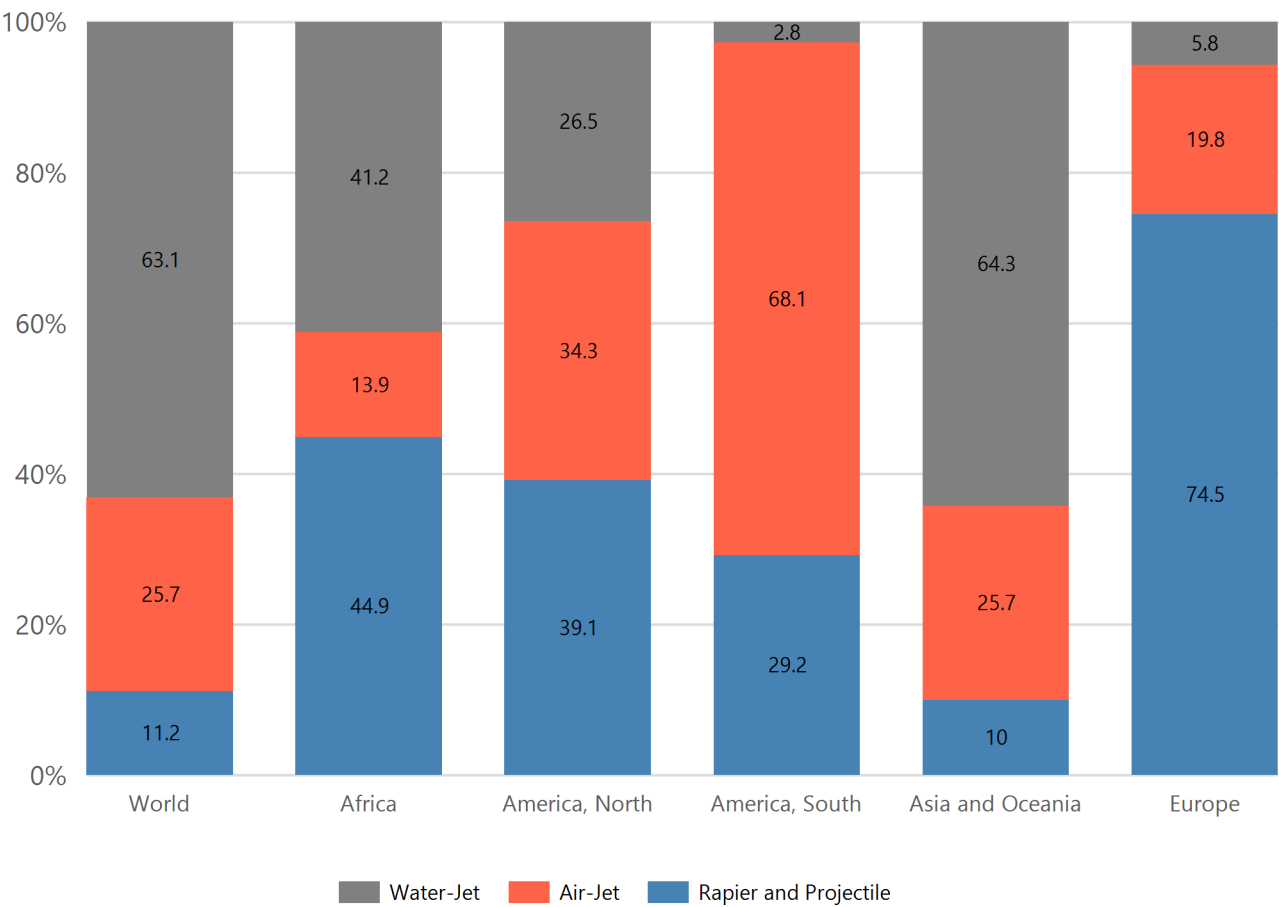
Africa 2.9% America, South 1.1% Europe, East 1.3% Europe, Others 7.1% Europe, West 3.1%
America, North 1.4% Asia w/o China 82.7%

Cumulative Shipments 2015 - 2024

Total World without China: 423'085

3 Weaving Machines

Weaving Machines



Percentage Distribution of Shipments in 2024

3 Weaving Machines

Table 3.1

World (destination)	Capacity Installed 2023		Cumulative Shipments 2015 - 2024				Shipments 2024			
	Shuttle Looms	Shuttleless Looms	Shuttleless Looms				Shuttleless Looms			
			Air-Jet	Rapier and Projectile	Water-Jet	Total	Air-Jet	Rapier and Projectile	Water-Jet	Total
Africa	48'210	24'340	1'636	6'602	4'136	12'374	349	1'129	1'037	2'515
America, North	45'000	51'840	2'768	2'137	1'077	5'982	158	180	122	460
America, South	63'850	53'480	3'432	1'273	113	4'818	490	210	20	720
Asia and Oceania	632'420	1'373'790	337'703	236'968	654'215	1'228'886	56'583	21'955	141'272	219'810
Europe, East	6'840	92'930	2'998	2'280	311	5'589	299	87	14	400
Europe, Others	20'000	40'590	6'630	20'751	2'854	30'235	92	1'079	106	1'277
Europe, West	5'620	30'960	2'807	9'988	359	13'154	63	543	12	618
Not Specified				271		271				
World	821'940	1'667'930	357'974	280'205	663'065	1'301'244	58'034	25'183	142'583	225'800

3 Weaving Machines

Table 3.2

Africa (destination)	Capacity Installed 2023		Cumulative Shipments 2015 - 2024				Shipments 2024			
	Shuttle Looms	Shuttleless Looms	Shuttleless Looms				Shuttleless Looms			
			Air-Jet	Rapier and Projectile	Water-Jet	Total	Air-Jet	Rapier and Projectile	Water-Jet	Total
Algeria	8'000	3'100	109	871	1	981		40		40
Angola	800	300	56	73		129				
Benin	2'000		228	16		244		16		16
Botswana				36		36				
Burkina Faso				1		1		1		1
Burundi			2	3		5				
Cameroon	1'000	200		35		35				
Chad			36			36				
Comoros				7		7				
Congo				18		18		6		6
Congo, The Democratic Republic Of				20		20				
Djibouti		560	20	217	166	403		60	31	91
Egypt	290	6'820	752	2'755	2'140	5'647	332	703	947	1'982
Ethiopia	170	2'200	158	436	853	1'447	1	28	1	30
Ghana	3'500	320		232	24	256		4		4
Guinea					1	1				
Ivory Coast	2'000	60		35		35		15		15
Kenya	200	700	22	401	534	957	1	222		223
Lesotho		70		20		20				
Libya		470		217		217				
Madagascar		90	16	10		26				
Malawi	350	70			5	5				
Mauritania				2		2		1		1
Mauritius		600	40	44		84				
Morocco	4'000	3'160	38	274	246	558	6	18	12	36
Mozambique	2'500	180		66		66				
Niger					1	1				
Nigeria	5'000	3'490	1	250		251		1		1
Not specified (Africa)				12		12				
Senegal					3	3				
Somalia				3		3				
South Africa	300	450	62	193	14	269	6	9	4	19
Sudan	10'000	390	46	24		70				
Tanzania	5'000	150	1	31	60	92		1	30	31
Togo				2		2				
Tunisia	1'800	260	7	126		133	3	4		7
Uganda	1'000	190		108	70	178			12	12
Zimbabwe	300	510	42	64	18	124				
Africa	48'210	24'340	1'636	6'602	4'136	12'374	349	1'129	1'037	2'515

3 Weaving Machines

Table 3.3

America, North (destination)	Capacity Installed 2023		Cumulative Shipments 2015 - 2024				Shipments 2024			
	Shuttle Looms	Shuttleless Looms	Shuttleless Looms				Shuttleless Looms			
			Air-Jet	Rapier and Projectile	Water-Jet	Total	Air-Jet	Rapier and Projectile	Water-Jet	Total
Antigua And Barbuda			6			6				
Canada		3'000	131	52	2	185		1		1
Costa Rica	1'000	100								
Cuba	5'000	4'000								
Dominican Rep.				1		1		1		1
El Salvador	3'000	200	26	74		100		4		4
Guatemala	3'000	890	14	52	10	76				
Honduras		150		4		4				
Mexico	31'500	34'540	954	845	479	2'278	65	86		151
Nicaragua	500	360	243	14		257				
Not specified (America, North)				6		6				
Puerto Rico					18	18				
U.S.A.	1'000	8'600	1'394	1'089	568	3'051	93	88	122	303
America, North	45'000	51'840	2'768	2'137	1'077	5'982	158	180	122	460

Table 3.4

America, South (destination)	Capacity Installed 2023		Cumulative Shipments 2015 - 2024				Shipments 2024			
	Shuttle Looms	Shuttleless Looms	Shuttleless Looms				Shuttleless Looms			
			Air-Jet	Rapier and Projectile	Water-Jet	Total	Air-Jet	Rapier and Projectile	Water-Jet	Total
Argentina	17'500	6'500	497	139	5	641	9	2		11
Bolivia	1'000	100	36	8		44	3			3
Bonaire			4			4				
Brazil	18'450	37'580	2'525	793	70	3'388	433	176	20	629
Chile	8'000	800	3	121		124		10		10
Colombia	8'500	4'000	206	90	36	332	33			33
Ecuador	400	600	18	32	2	52		2		2
Paraguay			32	18		50	12	18		30
Peru	5'000	1'400	101	72		173		2		2
Venezuela	5'000	2'500	10			10				
America, South	63'850	53'480	3'432	1'273	113	4'818	490	210	20	720

3 Weaving Machines

Table 3.5

Asia and Oceania (destination)	Capacity Installed 2023		Cumulative Shipments 2015 - 2024				Shipments 2024			
	Shuttle Looms	Shuttleless Looms	Shuttleless Looms				Shuttleless Looms			
			Air-Jet	Rapier and Projectile	Water-Jet	Total	Air-Jet	Rapier and Projectile	Water-Jet	Total
Afghanistan		90		78		78				
Australia		850		51		51				
Bahrain		550	25	94		119	1			1
Bangladesh	17'300	81'950	5'767	44'642	638	51'047	199	3'913	53	4'165
Brunei Darussalam		10			2	2				
Cambodia		200	2	279	3	284		24		24
China	50'000	780'000	246'611	83'930	547'618	878'159	48'869	8'642	126'459	183'970
Chinese Taipei	220	17'170	1'315	693	3'590	5'598	181	114	334	629
Fiji				2		2				
Hong Kong, China	1'000	8'000	3	139		142		1		1
India	45'500	242'040	52'293	71'864	75'878	200'035	5'419	7'395	10'719	23'533
Indonesia	20'200	46'000	4'959	10'640	5'561	21'160	374	179	693	1'246
Iran	9'800	26'800	491	2'434	5	2'930	66	230		296
Iraq	3'500	2'000		91		91				
Israel		650	1	49		50		6		6
Japan	3'340	10'650	2'497	865	1'513	4'875	200	58	215	473
Jordan		100		63	16	79		10		10
Kazakhstan		680	38	56	21	115	18	3		21
Korea, P.R.		890	35	77	385	497				
Korea, Rep.		8'770	607	1'213	1'687	3'507	98	20	122	240
Kuwait		70								
Kyrgyzstan	960	1'600	1	18	227	246		2		2
Lao Peoples Democratic Republic	40									
Lebanon		60		6		6				
Malaysia	1'200	7'660	249	472	366	1'087	15	12	9	36
Mongolia		30		13	1	14				
Myanmar	15'000	1'180		371	10	381				
Nepal	1'000	680	58	375	36	469	8	22		30
New Zealand		60		2		2				
Oman		10		6		6		1		1
Pakistan	375'000	44'400	12'589	4'304	8'454	25'347	291	220	1'501	2'012
Philippines	7'000	2'720	4	123	24	151		4	3	7
Qatar		40		7		7				
Saudi Arabia		3'060	6	276		282	2	12		14
Singapore		440	46	244	8	298		41		41
Sri Lanka	27'400	9'390	355	157	12	524	22	9		31
Syria	200	1'400	2	79	3	84		6		6
Tadzhikistan	2'200	3'900	240	30	1	271				
Thailand	36'800	13'690	956	905	996	2'857	8	57	61	126
Turkmenistan		1'350	148	188		336	46	2		48
United Arab Emirates		1'670	81	551	56	688	5	70		75
Uzbekistan	4'760	27'780	3'273	3'242	101	6'616	428	106		534
Vietnam	10'000	25'200	5'051	8'299	6'979	20'329	333	780	1'103	2'216
Yemen				40	24	64		16		16
Asia and Oceania	632'420	1'373'790	337'703	236'968	654'215	1'228'886	56'583	21'955	141'272	219'810

3 Weaving Machines

Table 3.6

Europe, East (destination)	Capacity Installed 2023		Cumulative Shipments 2015 - 2024				Shipments 2024			
	Shuttle Looms	Shuttleless Looms	Shuttleless Looms				Shuttleless Looms			
			Air-Jet	Rapier and Projectile	Water-Jet	Total	Air-Jet	Rapier and Projectile	Water-Jet	Total
Albania	2'000	90		132		132		14		14
Armenia		5'000	10	12		22		2		2
Azerbaijan		3'000								
Belarus		1'600	143	198		341	2			2
Bosnia And Herzegovina				30	18	48				
Bulgaria		6'000	4	127		131		2		2
Croatia	40	100	15	31	19	65		9	12	21
Czech Republic		4'400	115	197	80	392				
Estonia		2'500	31	1		32				
Hungary		240		169		169				
Kosovo				5		5				
Latvia		280	92	13		105				
Lithuania	400	2'100	98	109		207	30	1		31
Macedonia			2	122		124				
Moldova		1'900	119	36		155				
Poland	1'400	960	124	100		224	7	20		27
Romania	1'000	2'000	152	242	66	460				
Russia	2'000	55'900	2'009	390	66	2'465	260	35	2	297
Serbia		210		66	50	116		3		3
Slovakia		140	9	73		82				
Slovenia		110	2	78		80				
Ukraine		6'400	73	149	12	234		1		1
Europe, East	6'840	92'930	2'998	2'280	311	5'589	299	87	14	400

Table 3.7

Europe, Others (destination)	Capacity Installed 2023		Cumulative Shipments 2015 - 2024				Shipments 2024			
	Shuttle Looms	Shuttleless Looms	Shuttleless Looms				Shuttleless Looms			
			Air-Jet	Rapier and Projectile	Water-Jet	Total	Air-Jet	Rapier and Projectile	Water-Jet	Total
Türkiye	20'000	40'590	6'630	20'751	2'854	30'235	92	1'079	106	1'277
Europe, Others	20'000	40'590	6'630	20'751	2'854	30'235	92	1'079	106	1'277

3 Weaving Machines

Table 3.8

Europe, West (destination)	Capacity Installed 2023		Cumulative Shipments 2015 - 2024				Shipments 2024			
	Shuttle Looms	Shuttleless Looms	Shuttleless Looms				Shuttleless Looms			
			Air-Jet	Rapier and Projectile	Water-Jet	Total	Air-Jet	Rapier and Projectile	Water-Jet	Total
Andorra				3		3				
Austria		500	230	84		314				
Belgium	270	3'700	77	379		456		18		18
Denmark		50		10		10		1		1
Finland			1	4		5				
France	130	2'000	438	409	42	889	18	21		39
Germany	400	2'360	779	882	153	1'814	9	50		59
Greece	2'000	60	5	39		44		3		3
Ireland		140		4		4				
Italy	1'100	5'700	661	5'185	10	5'856	25	246		271
Kosovo				5		5				
Luxembourg				1		1				
Netherlands		1'200	1	67	24	92		8		8
Norway		100		10	2	12		2		2
Not specified (Europe, West)				42		42				
Portugal	1'600	9'000	292	1'346		1'638	1	55		56
Spain		2'200	227	823	4	1'054	5	28		33
Sweden		350	24	22		46	4			4
Switzerland	20	600	7	167	1	175	1	1		2
U.K.	100	3'000	65	506	123	694		110	12	122
Europe, West	5'620	30'960	2'807	9'988	359	13'154	63	543	12	618

Table 3.9

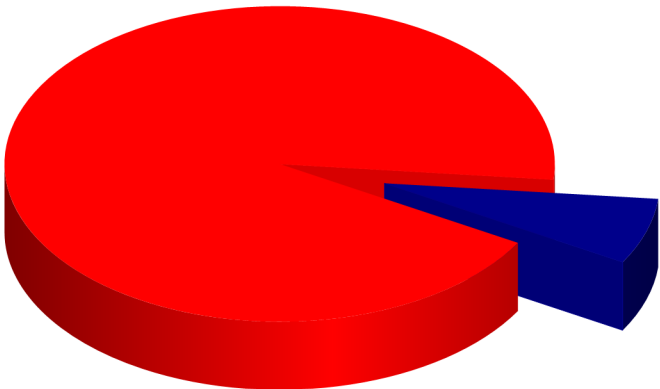
Not Specified (destination)	Capacity Installed 2023		Cumulative Shipments 2015 - 2024				Shipments 2024			
	Shuttle Looms	Shuttleless Looms	Shuttleless Looms				Shuttleless Looms			
			Air-Jet	Rapier and Projectile	Water-Jet	Total	Air-Jet	Rapier and Projectile	Water-Jet	Total
Not specified (Africa)				12		12				
Not specified (America, North)				6		6				
Not specified (Asia w/o China)				58		58				
Not specified (Europe, West)				42		42				
Not specified (World)				153		153				
Not Specified				271		271				

4 Large Circular Knitting Machines

Country	Company	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
China	(All Chinese Manufacturers)	x	x	x	x	x	x	x	x	x	x
Chinese Taipei	Jiunn Long	x	x	x	x	x	x	x	x	x	x
	LKM	x	x	x	x	x	-	-	-	-	-
	Pai Lung	x	x	x	x	x	x	x	x	x	x
Germany	Mayer & Cie.	x	x	x	x	x	x	x	x	x	x
	Terrot	x	x	x	x	x	x	x	x	x	x
Italy	Orizio	x	x	x	x	x	x	x	x	x	x
	Santoni (formerly Vignoni)	x	x	x	x	x	x	x	x	x	x
	Terrot Italy (formerly Pilotelli)	x	x	x	x	x	x	x	x	x	x
Japan	Fukuhara	x	x	x	x	x	x	x	x	x	x
Korea Rep.	Keum Yong	x	x	x	x	x	x	x	x	x	x
Singapore	Unitex	-	-	-	-	-	-	x	x	-	-
U. K.	Monarch UK	x	x	x	x	x	x	x	x	x	x
U.S.A.	Monarch Knitting Machinery Corporation	x	x	x	x	x	x	x	x	x	x
	Vanguard Pailung	-	-	-	-	x	x	x	x	-	-

4 Large Circular Knitting Machines

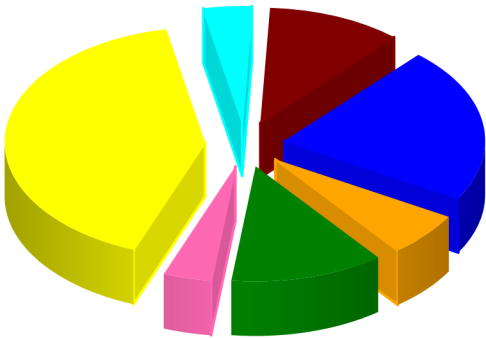
Electronic Needle Selection (Jacquard) - Shipments



World w/o China 93.2% China 6.8%

Shipments 2024

Total World: 148



Africa 5.8% America, South 3.6% Europe, East 3.6% Europe, Others 10.1% Europe, West 20.3%

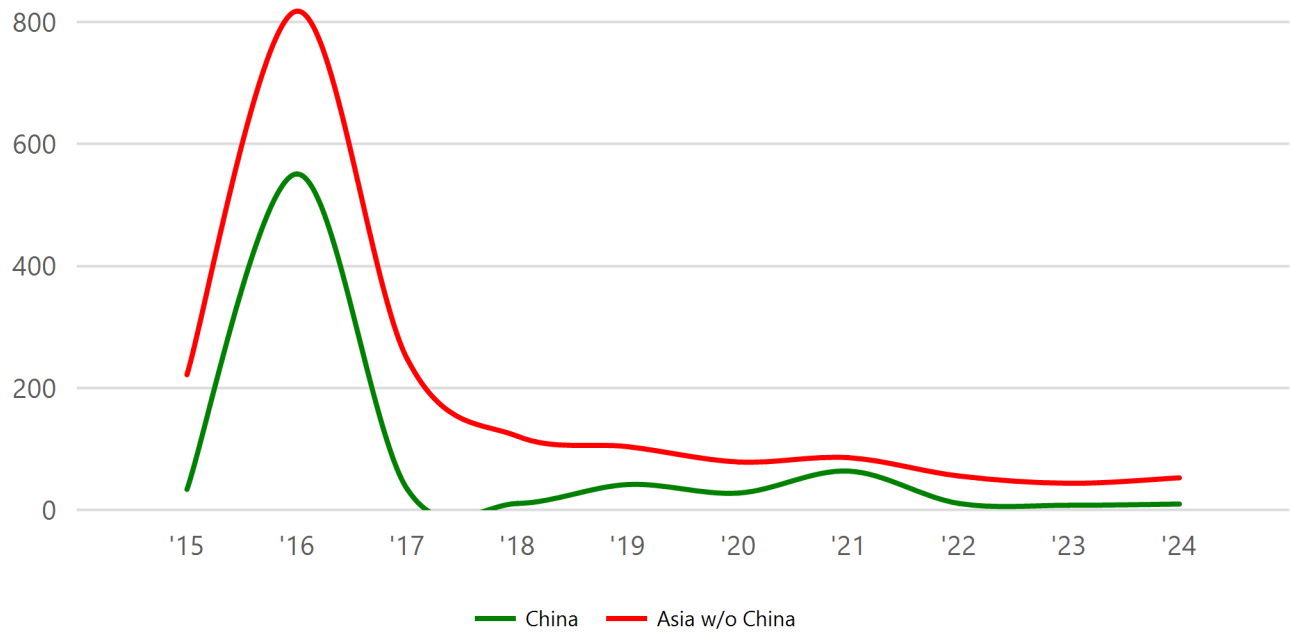
America, North 11.6% Asia w/o China 38.4%

Shipments 2024

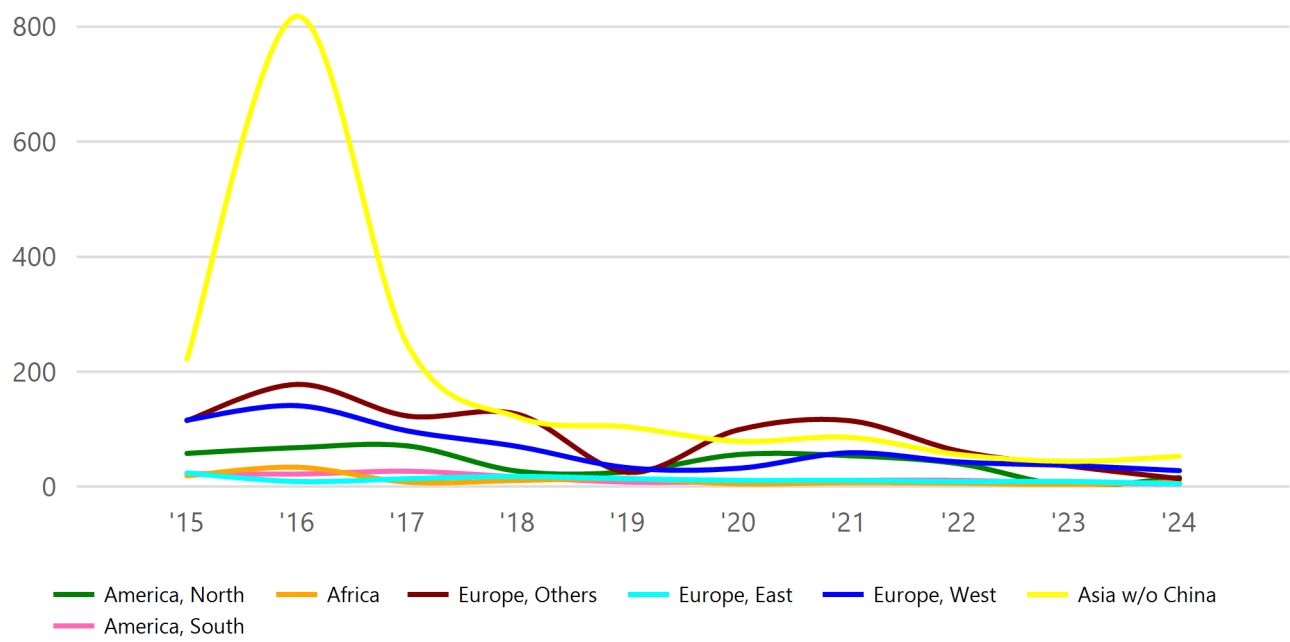
Total World without China: 138

4 Large Circular Knitting Machines

Electronic Needle Selection (Jacquard) - Shipments



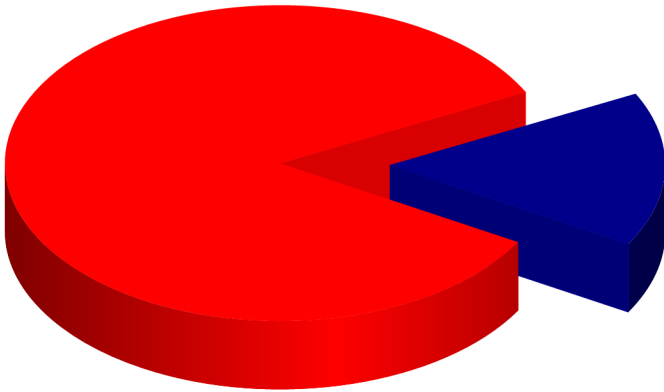
Shipments 2015 - 2024



Shipments 2015 - 2024

4 Large Circular Knitting Machines

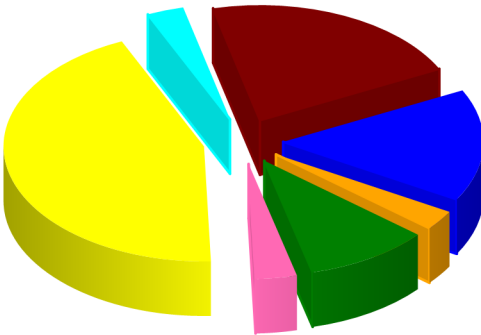
Electronic Needle Selection (Jacquard) - Cumulative Shipments



World w/o China 84.2% China 15.8%

Cumulative Shipments 2015 - 2024

Total World: 5'024



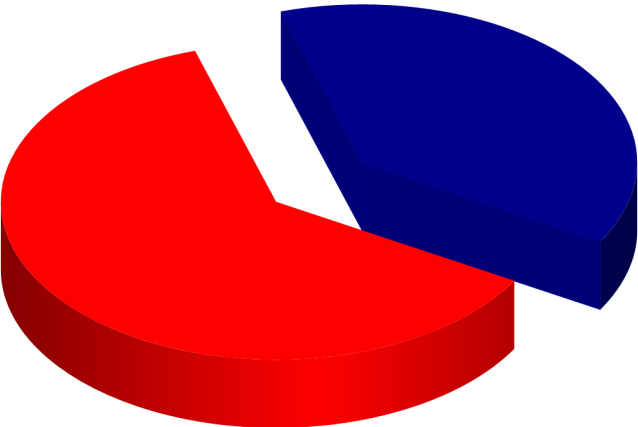
Africa 2.7% America, South 3.3% Europe, East 2.9% Europe, Others 21.1% Europe, West 15.5% America, North 9.9% Asia w/o China 43.3%

Cumulative Shipments 2015 - 2024

Total World without China: 4'231

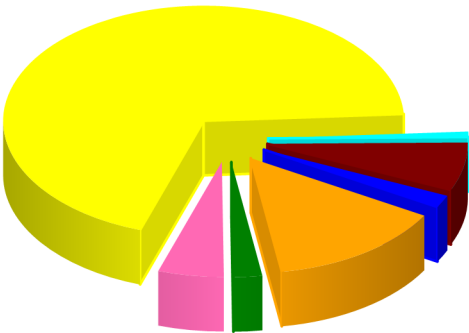
4 Large Circular Knitting Machines

Large Circular Knitting Machines - Shipments



Shipments 2024

Total World: 28'319

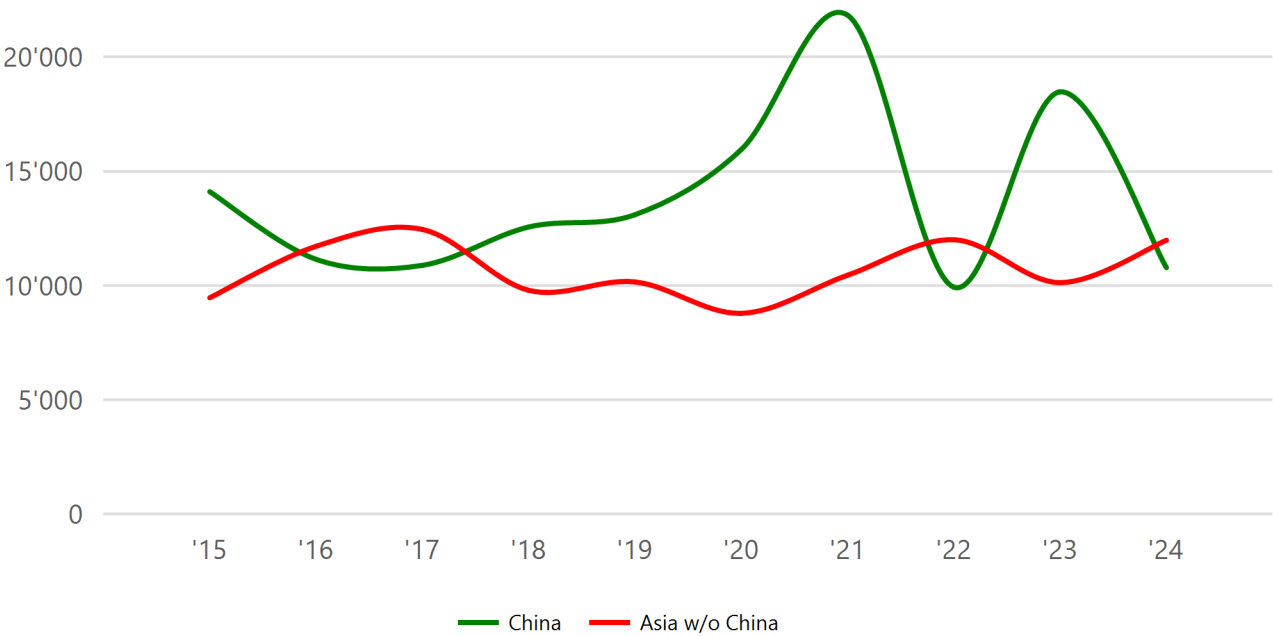


Shipments 2024

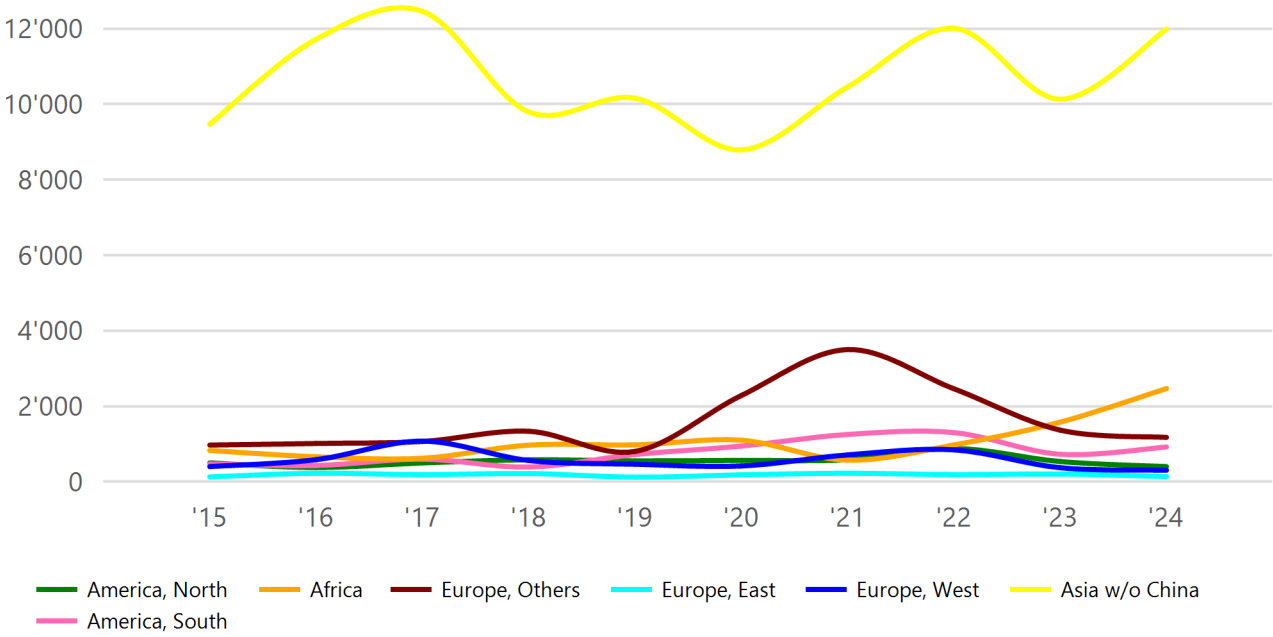
Total World without China: 17'533

4 Large Circular Knitting Machines

Large Circular Knitting Machines - Shipments



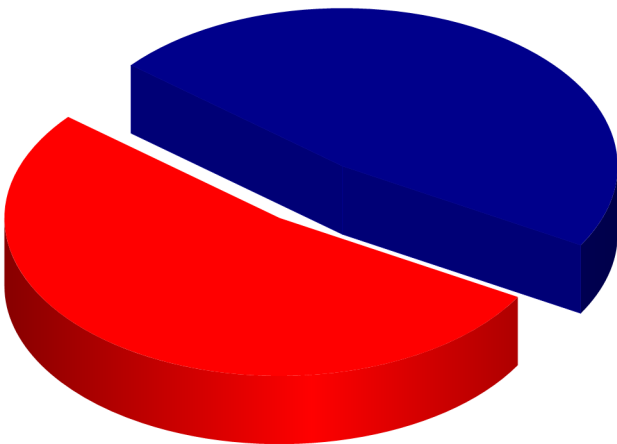
Shipments 2015 - 2024



Shipments 2015 - 2024

4 Large Circular Knitting Machines

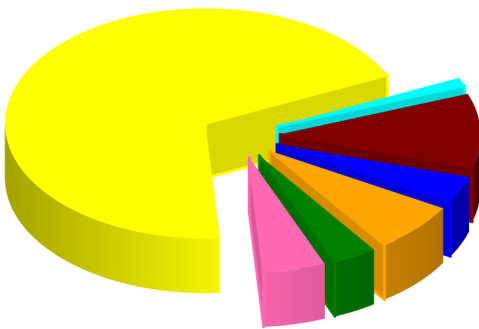
Large Circular Knitting Machines - Cumulative Shipments



World w/o China 52.7% China 47.3%

Cumulative Shipments 2015 - 2024

Total World: 293'538



Africa 6.9% America, South 5.0% Europe, East 1.2% Europe, Others 10.3% Europe, West 3.7%
America, North 3.5% Asia w/o China 69.1%

Cumulative Shipments 2015 - 2024

Total World without China: 154'750

4 Large Circular Knitting Machines

Table 4.1

World (destination)	Cumulative Shipments 2015 - 2024						Shipments 2024					
	Single		Double		Total	Electronic Needle Selection (Jacquard)	Single		Double		Total	Electronic Needle Selection (Jacquard)
	Single (up to 24 inch)	Single (26 inch or over)	Double (up to 24 inch)	Double (26 inch or over)			Single (up to 24 inch)	Single (26 inch or over)	Double (up to 24 inch)	Double (26 inch or over)		
Africa	1'310	2'971	88	6'380	10'749	116	371	644	22	1'431	2'468	8
America, North	969	1'785	77	2'641	5'472	418	45	153	2	202	402	16
America, South	610	3'178	178	3'790	7'756	139	105	285	6	525	921	5
Asia and Oceania	27'051	65'120	2'543	151'321	246'035	2'678	3'123	6'010	210	13'572	22'915	72
Europe, East	127	751	42	890	1'810	124	17	39	4	75	135	5
Europe, Others	1'232	5'876	243	8'626	15'977	893	108	278	15	773	1'174	14
Europe, West	426	1'783	94	3'436	5'739	656	27	110		167	304	28
Not Specified	8	14		53	75							
World	31'725	81'464	3'265	177'084	293'538	5'024	3'796	7'519	259	16'745	28'319	148

4 Large Circular Knitting Machines

Table 4.2

Africa (destination)	Cumulative Shipments 2015 - 2024						Shipments 2024					
	Single		Double		Total	Electronic Needle Selection (Jacquard)	Single		Double		Total	Electronic Needle Selection (Jacquard)
	Single (up to 24 inch)	Single (26 inch or over)	Double (up to 24 inch)	Double (26 inch or over)			Single (up to 24 inch)	Single (26 inch or over)	Double (up to 24 inch)	Double (26 inch or over)		
Algeria	64	66	5	158	293	2	18	12		25	55	
Angola	7	16	1	51	75		1	2		3	6	
Botswana				2	2					1	1	
Burundi	9	15		48	72							
Cameroon				2	2							
Djibouti	84	151	7	471	713	6	4	7		18	29	
Egypt	778	1'930	56	3'691	6'455	62	274	488	18	1'094	1'874	4
Ethiopia	87	159	6	462	714	2	21	35	1	83	140	
Ghana	18	32	1	84	135	1						
Ivory Coast	6	11	1	28	46							
Kenya	19	31		85	135	1	6	10		23	39	
Libya	3	6		21	30							
Madagascar	3	9		30	42			1		1	2	
Malawi	4	7		29	40							
Mauritania	1	2		9	12							
Mauritius	22	65		117	204	2	4	11		15	30	
Morocco	47	108	4	304	463	14	9	17	1	35	62	4
Mozambique	19	32	2	82	135	1	8	13	1	31	53	
Nigeria	20	36		92	148		6	9		22	37	
Not specified (Africa)	1	1		2	4							
Rwanda	1	1		4	6							
Senegal				1	1							
South Africa	39	112	3	257	411	15	3	5		12	20	
Sudan	1	3		11	15							
Swaziland						2						
Tanzania	42	93	2	178	315		10	22	1	40	73	
Togo				1	1							
Tunisia	14	49		76	139	7	2	4		10	16	
Uganda	11	21		44	76	1	5	8		17	30	
Zambia	4	8		31	43					1	1	
Zimbabwe	6	7		9	22							
Africa	1'310	2'971	88	6'380	10'749	116	371	644	22	1'431	2'468	8

4 Large Circular Knitting Machines

Table 4.3

America, North (destination)	Cumulative Shipments 2015 - 2024						Shipments 2024					
	Single		Double		Total	Electronic Needle Selection (Jacquard)	Single		Double		Total	Electronic Needle Selection (Jacquard)
	Single (up to 24 inch)	Single (26 inch or over)	Double (up to 24 inch)	Double (26 inch or over)			Single (up to 24 inch)	Single (26 inch or over)	Double (up to 24 inch)	Double (26 inch or over)		
Bahamas	12	24	1	97	134							
Belize				2	2							
Canada	22	35		134	191	75	1	2		9	12	4
Costa Rica		8		1	9			4			4	
Dominica	1	4		13	18			1		1	2	
Dominican Rep.	13	26	16	59	114		2	3		5	10	
El Salvador	6	156		142	304	20		40		8	48	1
Guatemala	31	125	1	178	335	2	5	9		19	33	2
Honduras	439	259	5	245	948		2	3		6	11	
Martinique		1		4	5							
Mexico	170	628	26	770	1'594	97	17	42	1	83	143	4
Nicaragua		10		1	11							
Not specified (America, North)	7	13		51	71							
Panama	3	3		7	13		1	2		5	8	
Puerto Rico		1		4	5							
St Kitts and Nevis	4	7		29	40							
U.S.A.	261	485	28	904	1'678	224	17	47	1	66	131	5
America, North	969	1'785	77	2'641	5'472	418	45	153	2	202	402	16

Table 4.4

America, South (destination)	Cumulative Shipments 2015 - 2024						Shipments 2024					
	Single		Double		Total	Electronic Needle Selection (Jacquard)	Single		Double		Total	Electronic Needle Selection (Jacquard)
	Single (up to 24 inch)	Single (26 inch or over)	Double (up to 24 inch)	Double (26 inch or over)			Single (up to 24 inch)	Single (26 inch or over)	Double (up to 24 inch)	Double (26 inch or over)		
Argentina	105	644	28	579	1'356	22	6	27		24	57	1
Bolivia	5	25		45	75							
Brazil	274	1'405	135	1'779	3'593	95	60	176	4	294	534	4
Chile	1	30		24	55	1				1	1	
Colombia	49	512	3	348	912	13	9	22	1	58	90	
Ecuador	14	72		114	200	1	2	7		10	19	
Guyana	4	9		36	49							
Paraguay	37	67	2	200	306		7	12		30	49	
Peru	117	404	10	634	1'165	7	20	40	1	105	166	
Uruguay		1		5	6							
Venezuela	4	9		26	39		1	1		3	5	
America, South	610	3'178	178	3'790	7'756	139	105	285	6	525	921	5

4 Large Circular Knitting Machines

Table 4.5

Asia and Oceania (destination)	Cumulative Shipments 2015 - 2024						Shipments 2024					
	Single		Double		Total	Electronic Needle Selection (Jacquard)	Single		Double		Total	Electronic Needle Selection (Jacquard)
	Single (up to 24 inch)	Single (26 inch or over)	Double (up to 24 inch)	Double (26 inch or over)			Single (up to 24 inch)	Single (26 inch or over)	Double (up to 24 inch)	Double (26 inch or over)		
Afghanistan		1		1	2							
Australia	7	9		29	45	2				1	1	
Bangladesh	1'508	5'392	139	7'906	14'945	134	200	456	13	1'021	1'690	8
Cambodia	94	165	8	472	739		30	50	2	119	201	
China	16'321	32'907	1'482	88'078	138'788	793	1'552	2'630	103	6'501	10'786	10
Chinese Taipei	443	981	37	3'022	4'483	328	34	55	2	145	236	3
Hong Kong, China	58	113	7	182	360	4	15	25	1	58	99	
India	3'459	10'089	326	20'871	34'745	316	519	1'073	35	2'272	3'899	10
Indonesia	835	2'432	121	5'139	8'527	172	152	359	13	625	1'149	8
Iran	169	440	17	1'127	1'753	89	16	28	2	68	114	
Iraq	5	9		20	34							
Israel	7	53		41	101		1	2		5	8	
Japan	15	201	44	410	670	63	2	8	4	42	56	2
Jordan	16	33		123	172		6	10		22	38	
Kazakhstan	8	20	1	61	90	4						
Korea, P.R.	1	2		8	11							
Korea, Rep.	99	497	13	1'119	1'728	308	3	28		63	94	6
Kuwait	1	1		4	6							
Kyrgyzstan	19	44		80	143					1	1	
Lao Peoples Democratic Republic	3	6		17	26							
Lebanon	9	16		39	64		3	5		12	20	
Malaysia	216	936	17	1'328	2'497	5	34	57	2	136	229	
Mongolia	1	4		10	15							
Myanmar	62	111	4	361	538	1	1	1		3	5	
Nepal	6	19		31	56		4	7		15	26	
Oman	2	3		6	11		2	3		5	10	
Pakistan	722	2'339	53	3'788	6'902	26	115	228	7	452	802	
Philippines	189	275	14	526	1'004	6	6	9		20	35	
Qatar	1	1		2	4							
Saudi Arabia	12	23		66	101		2	4		9	15	
Singapore	63	117	3	362	545	2	22	37	1	88	148	
Sri Lanka	122	400	10	813	1'345	11	21	49	1	109	180	5
Syria	48	92	2	255	397	2	6	11		24	41	
Tadzhikistan	31	80	3	202	316							
Thailand	284	558	52	1'486	2'380	281	17	23	1	60	101	16
Turkmenistan	1	2		10	13					1	1	
United Arab Emirates	73	263	5	468	809	27	11	41	1	54	107	3
Uzbekistan	447	1'610	36	2'400	4'493	2	34	89	2	132	257	
Vietnam	1'693	4'874	149	10'454	17'170	102	314	720	20	1'505	2'559	1
Yemen	1	2		4	7		1	2		4	7	
Asia and Oceania	27'051	65'120	2'543	151'321	246'035	2'678	3'123	6'010	210	13'572	22'915	72

4 Large Circular Knitting Machines

Table 4.6

Europe, East (destination)	Cumulative Shipments 2015 - 2024						Shipments 2024					
	Single		Double		Total	Electronic Needle Selection (Jacquard)	Single		Double		Total	Electronic Needle Selection (Jacquard)
	Single (up to 24 inch)	Single (26 inch or over)	Double (up to 24 inch)	Double (26 inch or over)			Single (up to 24 inch)	Single (26 inch or over)	Double (up to 24 inch)	Double (26 inch or over)		
Albania	4	7		28	39							
Armenia	1	5		10	16							
Azerbaijan	1	3		8	12		1	2		5	8	
Belarus		4		6	10					1	1	
Bosnia And Herzegovina			11		11							
Bulgaria	2	11		21	34			1		2	3	
Croatia			19		19							
Czech Republic	11	21		41	73	4		2		2	4	
Estonia	2	2		17	21	3						
Georgia				3	3							
Hungary		2		3	5							
Latvia		1		4	5							
Lithuania	1	10	1	12	24	6						
Macedonia		1			1							
Moldova	2	5		19	26							
Poland	25	164	2	226	417	60	7	18		29	54	4
Romania	3	9		49	61	22				1	1	1
Russia	68	427	9	385	889	28	9	15	4	33	61	
Serbia		28		2	30							
Slovakia		2		11	13	1				1	1	
Slovenia		1		2	3							
Ukraine	7	48		43	98			1		1	2	
Europe, East	127	751	42	890	1'810	124	17	39	4	75	135	5

Table 4.7

Europe, Others (destination)	Cumulative Shipments 2015 - 2024						Shipments 2024					
	Single		Double		Total	Electronic Needle Selection (Jacquard)	Single		Double		Total	Electronic Needle Selection (Jacquard)
	Single (up to 24 inch)	Single (26 inch or over)	Double (up to 24 inch)	Double (26 inch or over)			Single (up to 24 inch)	Single (26 inch or over)	Double (up to 24 inch)	Double (26 inch or over)		
Türkiye	1'232	5'876	243	8'626	15'977	893	108	278	15	773	1'174	14
Europe, Others	1'232	5'876	243	8'626	15'977	893	108	278	15	773	1'174	14

4 Large Circular Knitting Machines

Table 4.8

Europe, West (destination)	Cumulative Shipments 2015 - 2024						Shipments 2024					
	Single		Double		Total	Electronic Needle Selection (Jacquard)	Single		Double		Total	Electronic Needle Selection (Jacquard)
	Single (up to 24 inch)	Single (26 inch or over)	Double (up to 24 inch)	Double (26 inch or over)			Single (up to 24 inch)	Single (26 inch or over)	Double (up to 24 inch)	Double (26 inch or over)		
Austria		21		25	46			4		4	8	
Belgium	5	18	7	123	153	77		1		6	7	5
Denmark	1	5	1	43	50	37				1	1	
Faroe Islands	2	3		14	19							
Finland	1	4		14	19	1						
France	11	84		136	231	36		2		1	3	
Germany	94	236	19	539	888	47	2	8		8	18	1
Greece	14	35	3	42	94	6	1	1		2	4	
Ireland	6	25		46	77	1	1	2		5	8	
Italy	141	610	18	1'141	1'910	205	8	33		56	97	11
Luxembourg	15	30	2	118	165							
Netherlands	2	8		31	41	11	1	2		3	6	
Norway	2	2		6	10							
Portugal	23	380		323	726	100	5	28		31	64	1
Spain	40	162	3	378	583	113	3	20		28	51	10
Sweden	1	7		9	17	1						
Switzerland	2	3		7	12		2	3		5	10	
U.K.	66	150	41	441	698	21	4	6		17	27	
Europe, West	426	1'783	94	3'436	5'739	656	27	110		167	304	28

Table 4.9

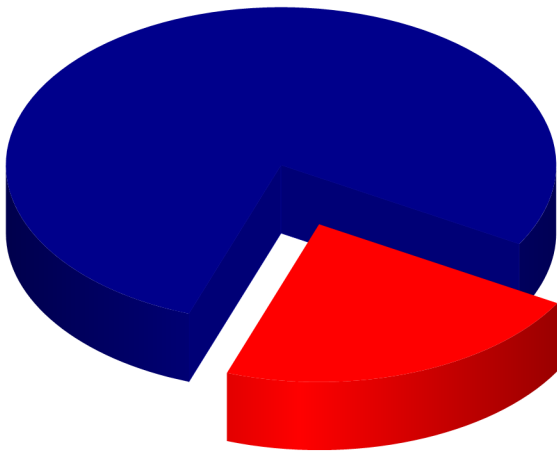
Not Specified (destination)	Cumulative Shipments 2015 - 2024						Shipments 2024					
	Single		Double		Total	Electronic Needle Selection (Jacquard)	Single		Double		Total	Electronic Needle Selection (Jacquard)
	Single (up to 24 inch)	Single (26 inch or over)	Double (up to 24 inch)	Double (26 inch or over)			Single (up to 24 inch)	Single (26 inch or over)	Double (up to 24 inch)	Double (26 inch or over)		
Not specified (Africa)	1	1		2	4							
Not specified (America, North)	7	13		51	71							
Not Specified	8	14		53	75							

5 Flat Knitting Machines

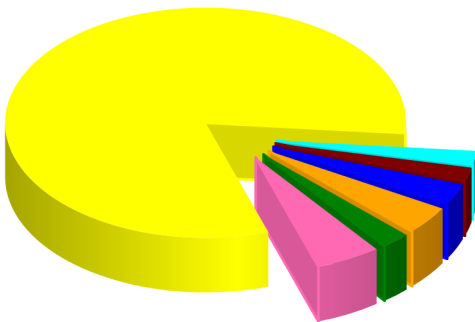
Country	Company	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
China	(All Chinese Manufacturers)	x	x	x	x	x	x	x	x	x	x
Chinese Taipei	Pai Lung	x	x	x	x	x	x	x	x	x	x
Germany	Stoll	x	x	-	-	-	-	-	-	-	-
Japan	Shima Seiki	x	x	x	x	x	x	x	x	x	x
Switzerland	Steiger	x	x	x	x	x	x	x	x	x	x

5 Flat Knitting Machines

Electronic Flat Knitting Machines - Shipments



Shipments 2024
Total World: 135'877

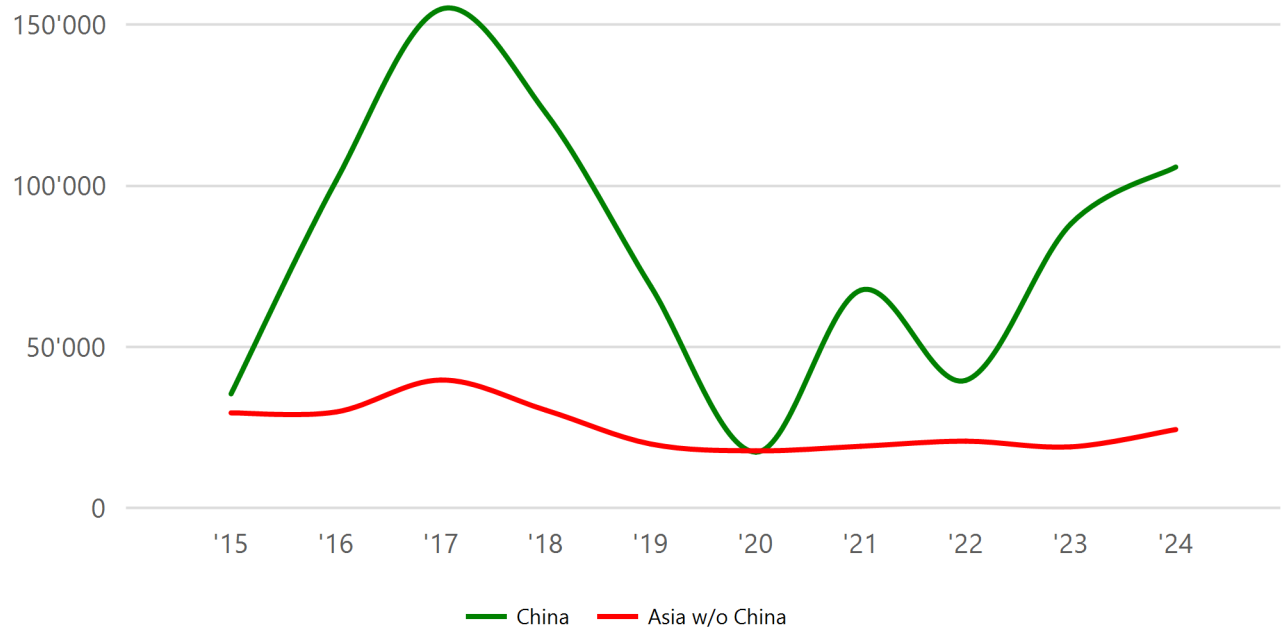


Africa 4.0% America, South 5.2% Europe, East 2.0% Europe, Others 1.9% Europe, West 3.0%
America, North 2.3% Asia w/o China 81.2%

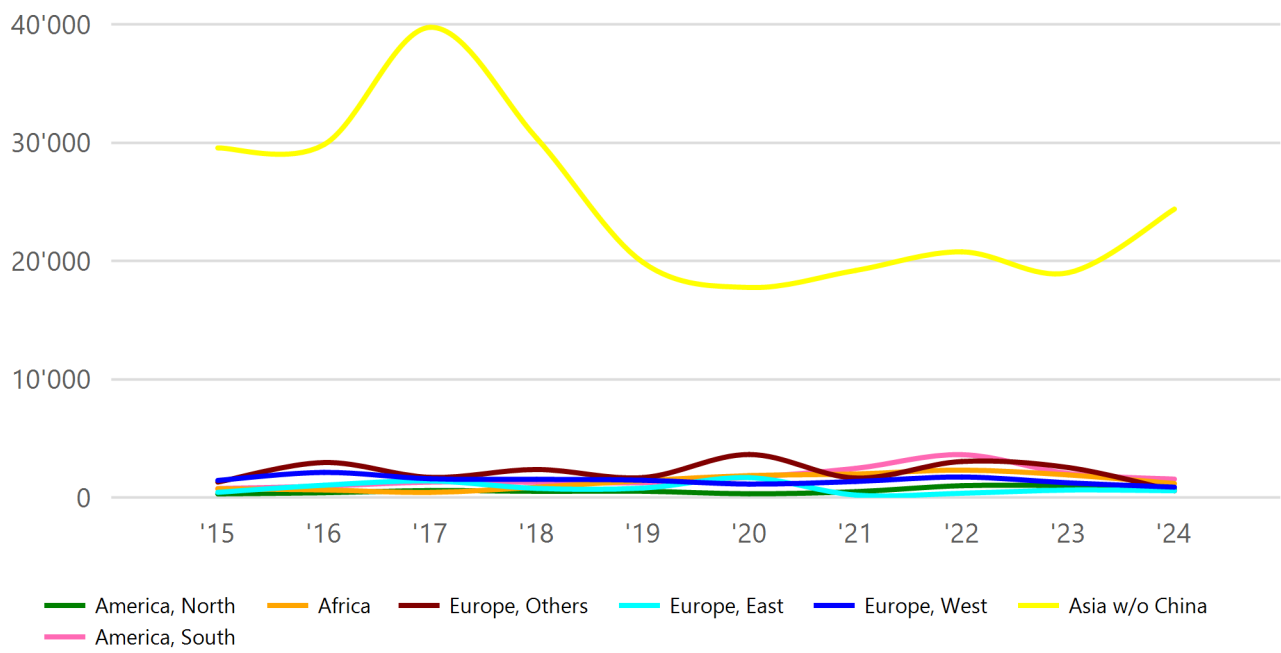
Shipments 2024
Total World without China: 30'033

5 Flat Knitting Machines

Electronic Flat Knitting Machines - Shipments



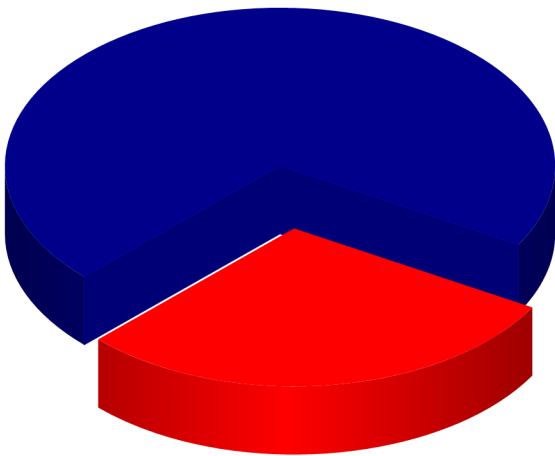
Shipments 2015 - 2024



Shipments 2015 - 2024

5 Flat Knitting Machines

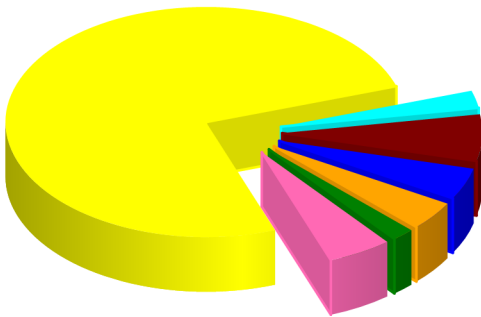
Electronic Flat Knitting Machines - Cumulative Shipments



World w/o China 29.3% China 70.7%

Cumulative Shipments 2015 - 2024

Total World: 1'133'793



Africa 4.1% America, South 5.2% Europe, East 2.4% Europe, Others 6.5% Europe, West 4.4%
America, North 1.8% Asia w/o China 75.5%

Cumulative Shipments 2015 - 2024

Total World without China: 331'891

5 Flat Knitting Machines

Table 5.1

World (destination)	Cumulative Shipments 2015 - 2024			Shipments 2024		
	Electronic Flat Knitting Machines		Total	Electronic Flat Knitting Machines		Total
	Flat Knitting Machines up to 70 inches	Flat Knitting Machines 70 inches and over		Flat Knitting Machines up to 70 inches	Flat Knitting Machines 70 inches and over	
Africa	13'516	31	13'547	1'177	24	1'201
America, North	6'006	10	6'016	701		701
America, South	17'030	119	17'149	1'532	41	1'573
Asia and Oceania	1'052'336	338	1'052'674	130'326	8	130'334
Europe, East	8'068	20	8'088	588		588
Europe, Others	21'566	72	21'638	578	5	583
Europe, West	14'504	177	14'681	886	11	897
World	1'133'026	767	1'133'793	135'788	89	135'877

5 Flat Knitting Machines

Table 5.2

Africa (destination)	Cumulative Shipments 2015 - 2024			Shipments 2024		
	Electronic Flat Knitting Machines		Total	Electronic Flat Knitting Machines		Total
	Flat Knitting Machines up to 70 inches	Flat Knitting Machines 70 inches and over		Flat Knitting Machines up to 70 inches	Flat Knitting Machines 70 inches and over	
Algeria	82		82	25		25
Angola	2	6	8			
Benin	8	24	32		24	24
Botswana	22		22	10		10
Burundi	37		37			
Cameroon	11		11	2		2
Djibouti	379		379			
Egypt	6'581		6'581	802		802
Ethiopia	1'773		1'773	7		7
Ghana	31		31			
Guinea	30		30			
Ivory Coast	12		12	3		3
Kenya	1'440		1'440	38		38
Lesotho	1		1			
Libya	1		1			
Madagascar	1'046		1'046	163		163
Malawi	2		2			
Mali	2		2			
Mauritius	336		336	13		13
Morocco	488		488	37		37
Mozambique	32		32			
Niger	13		13			
Nigeria	76	1	77	3		3
Rwanda	14		14			
Seychelles	1		1			
South Africa	625		625	34		34
Sudan	2		2			
Swaziland	4		4			
Tanzania	173		173	15		15
Tunisia	130		130	14		14
Uganda	103		103	11		11
Zambia	17		17			
Zimbabwe	42		42			
Africa	13'516	31	13'547	1'177	24	1'201

5 Flat Knitting Machines

Table 5.3

America, North (destination)	Cumulative Shipments 2015 - 2024			Shipments 2024		
	Electronic Flat Knitting Machines		Total	Electronic Flat Knitting Machines		Total
	Flat Knitting Machines up to 70 inches	Flat Knitting Machines 70 inches and over		Flat Knitting Machines up to 70 inches	Flat Knitting Machines 70 inches and over	
Canada	40		40	12		12
Costa Rica	18		18	11		11
Dominica	2		2	2		2
Dominican Rep.	67		67	5		5
El Salvador	6		6	3		3
Guatemala	449		449	89		89
Honduras	65		65	32		32
Mexico	3'821	3	3'824	449		449
Nicaragua	1		1			
Panama	40		40	6		6
U.S.A.	1'497	7	1'504	92		92
America, North	6'006	10	6'016	701		701

Table 5.4

America, South (destination)	Cumulative Shipments 2015 - 2024			Shipments 2024		
	Electronic Flat Knitting Machines		Total	Electronic Flat Knitting Machines		Total
	Flat Knitting Machines up to 70 inches	Flat Knitting Machines 70 inches and over		Flat Knitting Machines up to 70 inches	Flat Knitting Machines 70 inches and over	
Argentina	2'446	28	2'474	186		186
Bolivia	378		378	41		41
Brazil	6'424	83	6'507	555	41	596
Chile	1'281		1'281	53		53
Colombia	1'344		1'344	188		188
Ecuador	672	2	674	43		43
Paraguay	51		51	20		20
Peru	4'288	6	4'294	433		433
Uruguay	25		25	3		3
Venezuela	121		121	10		10
America, South	17'030	119	17'149	1'532	41	1'573

5 Flat Knitting Machines

Table 5.5

Asia and Oceania (destination)	Cumulative Shipments 2015 - 2024			Shipments 2024		
	Electronic Flat Knitting Machines		Total	Electronic Flat Knitting Machines		Total
	Flat Knitting Machines up to 70 inches	Flat Knitting Machines 70 inches and over		Flat Knitting Machines up to 70 inches	Flat Knitting Machines 70 inches and over	
Afghanistan	2		2	2		2
Australia	94	9	103	13		13
Bahrain	43		43			
Bangladesh	104'656	51	104'707	10'555		10'555
Cambodia	13'530		13'530	3'476		3'476
China	801'812	90	801'902	105'844		105'844
Chinese Taipei	1'471	13	1'484	3		3
Fiji	6	1	7			
Hong Kong, China	7'105	10	7'115	102		102
India	45'827	96	45'923	3'874	3	3'877
Indonesia	7'280	2	7'282	562		562
Iran	1'064	8	1'072	8		8
Iraq	141		141	1		1
Israel	35		35	9		9
Japan	2'084	8	2'092	131	3	134
Jordan	314		314	36		36
Kazakhstan	362		362	42		42
Korea, P.R.	223		223			
Korea, Rep.	4'453	11	4'464	320		320
Kuwait	6		6	1		1
Kyrgyzstan	229		229	16		16
Lao Peoples Democratic Republic	268		268	120		120
Lebanon	13		13			
Macao	210		210			
Malaysia	915		915	33		33
Maldives	1		1			
Mongolia	495		495	34		34
Myanmar	5'668		5'668			
Nepal	247		247	9		9
New Zealand	118	2	120	12	1	13
Oman	35		35	9		9
Pakistan	2'634	9	2'643	250		250
Palestine	1		1			
Philippines	724		724	110		110
Qatar	8		8			
Saudi Arabia	127		127	16		16
Singapore	1'287		1'287	302		302
Sri Lanka	1'438	5	1'443	71		71
Syria	153		153	33		33
Tadzhikistan	182		182	28		28
Thailand	8'768		8'768	498		498
Turkmenistan	31		31	10		10
United Arab Emirates	425		425	71		71
Uzbekistan	4'664	1	4'665	283	1	284
Vietnam	33'186	22	33'208	3'442		3'442
Yemen	1		1			
Asia and Oceania	1'052'336	338	1'052'674	130'326	8	130'334

5 Flat Knitting Machines

Table 5.6

Europe, East (destination)	Cumulative Shipments 2015 - 2024			Shipments 2024		
	Electronic Flat Knitting Machines		Total	Electronic Flat Knitting Machines		Total
	Flat Knitting Machines up to 70 inches	Flat Knitting Machines 70 inches and over		Flat Knitting Machines up to 70 inches	Flat Knitting Machines 70 inches and over	
Armenia	254		254	2		2
Azerbaijan	25		25	4		4
Belarus	178		178	65		65
Bulgaria	55		55			
Croatia	5		5	1		1
Czech Republic	11	1	12			
Estonia	38		38			
Georgia	789		789	3		3
Hungary	2		2			
Latvia	12	1	13			
Lithuania	103		103			
Moldova	2		2			
Poland	60	7	67	3		3
Romania	108	2	110	12		12
Russia	4'753	6	4'759	421		421
Serbia	53		53	1		1
Slovakia	4	1	5			
Slovenia	772		772	55		55
Ukraine	844	2	846	21		21
Europe, East	8'068	20	8'088	588		588

Table 5.7

Europe, Others (destination)	Cumulative Shipments 2015 - 2024			Shipments 2024		
	Electronic Flat Knitting Machines		Total	Electronic Flat Knitting Machines		Total
	Flat Knitting Machines up to 70 inches	Flat Knitting Machines 70 inches and over		Flat Knitting Machines up to 70 inches	Flat Knitting Machines 70 inches and over	
Türkiye	21'566	72	21'638	578	5	583
Europe, Others	21'566	72	21'638	578	5	583

5 Flat Knitting Machines

Table 5.8

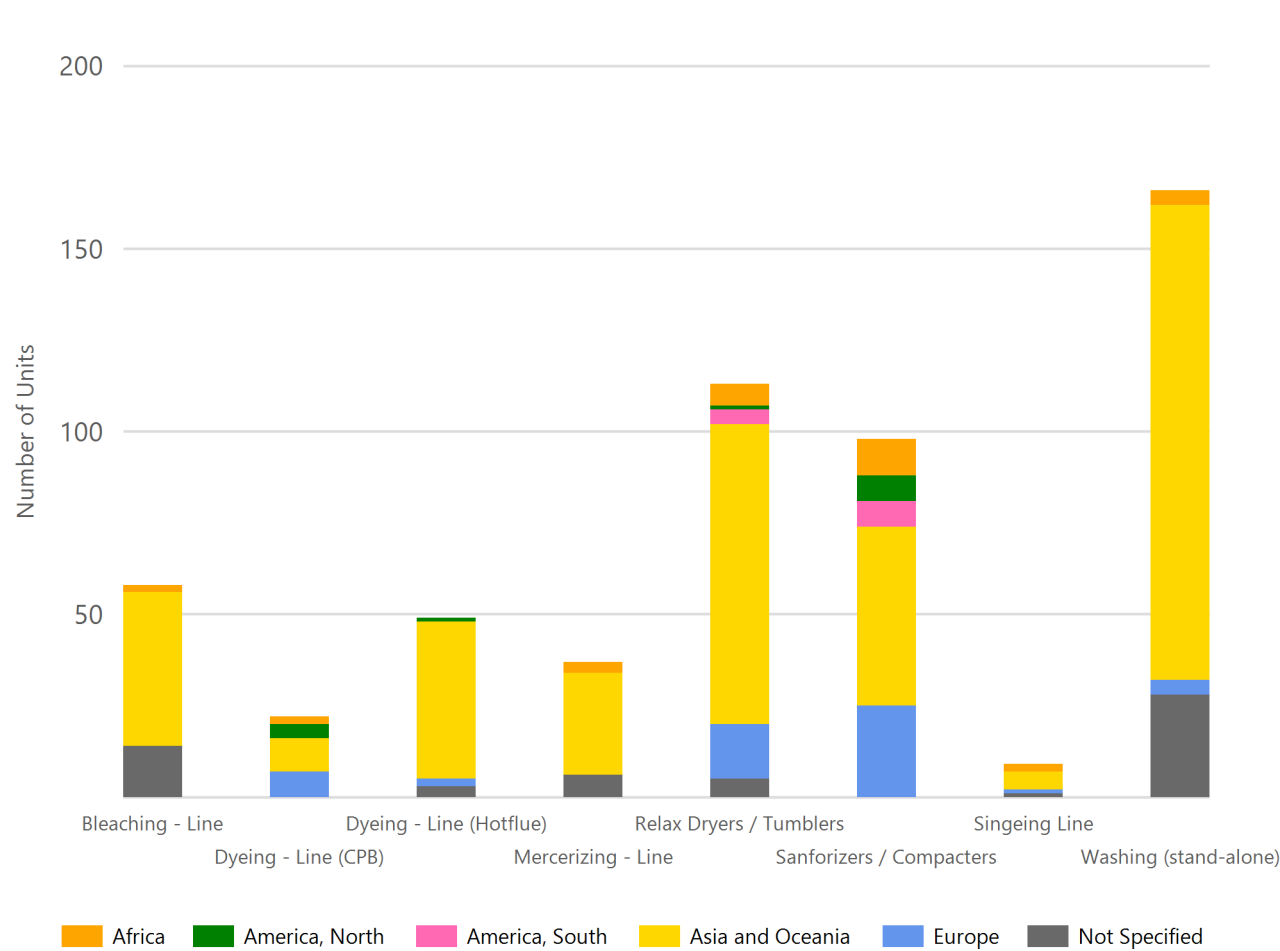
Europe, West (destination)	Cumulative Shipments 2015 - 2024			Shipments 2024		
	Electronic Flat Knitting Machines		Total	Electronic Flat Knitting Machines		Total
	Flat Knitting Machines up to 70 inches	Flat Knitting Machines 70 inches and over		Flat Knitting Machines up to 70 inches	Flat Knitting Machines 70 inches and over	
Austria	7	1	8			
Belgium	125	2	127			
Finland	18		18			
France	192	17	209	17		17
Germany	1'751	43	1'794	29		29
Greece	69	2	71	20		20
Iceland	45		45			
Ireland	63	1	64	4	1	5
Italy	9'302	68	9'370	519	4	523
Netherlands	137		137			
Norway	5	5	10			
Portugal	125	7	132	9	1	10
Spain	1'308	3	1'311	143		143
Sweden	25		25	1		1
Switzerland	394		394	49		49
U.K.	938	28	966	95	5	100
Europe, West	14'504	177	14'681	886	11	897

6 Finishing Machines

Country	Company	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
China	(All Chinese Manufacturers)	x	x	x	x	x	x	x	x	x	x
Germany	Brueckner	x	x	x	x	x	x	x	x	x	x
	Fong's Europe (formerly Goller)	x	x	x	x	x	x	x	-	-	-
	Jagenberg	-	x	-	-	-	-	-	x	-	-
	Karl Menzel Maschinenfabrik GmbH & Co.	x	x	x	x	x	-	-	-	-	-
	Kuesters (Benninger)	x	x	x	x	x	x	x	x	x	x
	Monforts	x	x	x	x	x	x	x	x	x	x
Hong Kong, China	CHTC Fongs	x	x	x	x	x	x	x	x	x	x
India	Dalal	-	x	x	-	-	-	-	-	-	-
	Dhall	x	-	x	-	-	-	-	-	-	-
	Harish	x	-	x	-	-	-	-	-	-	-
	Indian Textile Engineers	x	-	x	-	-	-	-	-	-	-
	InspirOn Engineering Pvt. Ltd.	x	x	x	x	x	x	x	x	x	x
	JK Textile	x	x	x	-	-	-	-	-	-	-
	Kuesters Calico Machinery	x	x	x	x	x	x	x	x	x	x
	Lakshmi Card Clothing	x	-	x	-	-	-	-	-	-	-
	Peass Inds.	x	x	x	-	-	-	-	-	-	-
	Radiant Engineering	x	x	x	-	-	x	x	x	x	x
	Screenotex	x	x	x	x	x	x	x	x	x	x
	Stalmec	x	x	x	x	x	x	-	-	-	-
	Stovec Industries	x	-	-	-	-	-	-	-	-	-
	Yamuna	x	x	x	x	x	x	x	x	x	x
Italy	Biancalani	x	x	x	x	x	x	x	x	x	x
	Bianco	x	x	-	-	-	-	-	-	-	-
	EFI Reggiani (formerly Reggiani)	x	x	x	x	x	x	x	x	x	-
	Ferraro	-	x	x	x	x	x	x	-	x	x
Korea Rep.	EHWHA Glotech	-	x	x	x	x	-	-	-	-	-
	Il Sung	-	-	-	-	-	-	-	-	x	-
Netherlands	Brugman	x	x	x	x	x	x	x	-	x	-
Spain	Icomatex	-	x	x	x	x	x	x	x	x	x
Switzerland	Benninger	x	x	x	x	x	x	x	x	x	x
	Santex Rimar	x	x	x	x	x	x	x	x	x	-
Türkiye	Dilmenler	-	-	-	-	-	-	-	-	x	-
	Effe	-	-	-	-	x	-	-	-	-	-
	Has Group	x	x	x	x	x	-	-	-	-	-
USA	Kusters Zima	x	x	x	-	-	x	x	x	-	x
	Morrison Textile Machinery	x	x	x	x	x	x	x	x	x	x
	Navis TubeTex	x	x	x	x	x	x	x	x	x	x

6 Finishing Machines

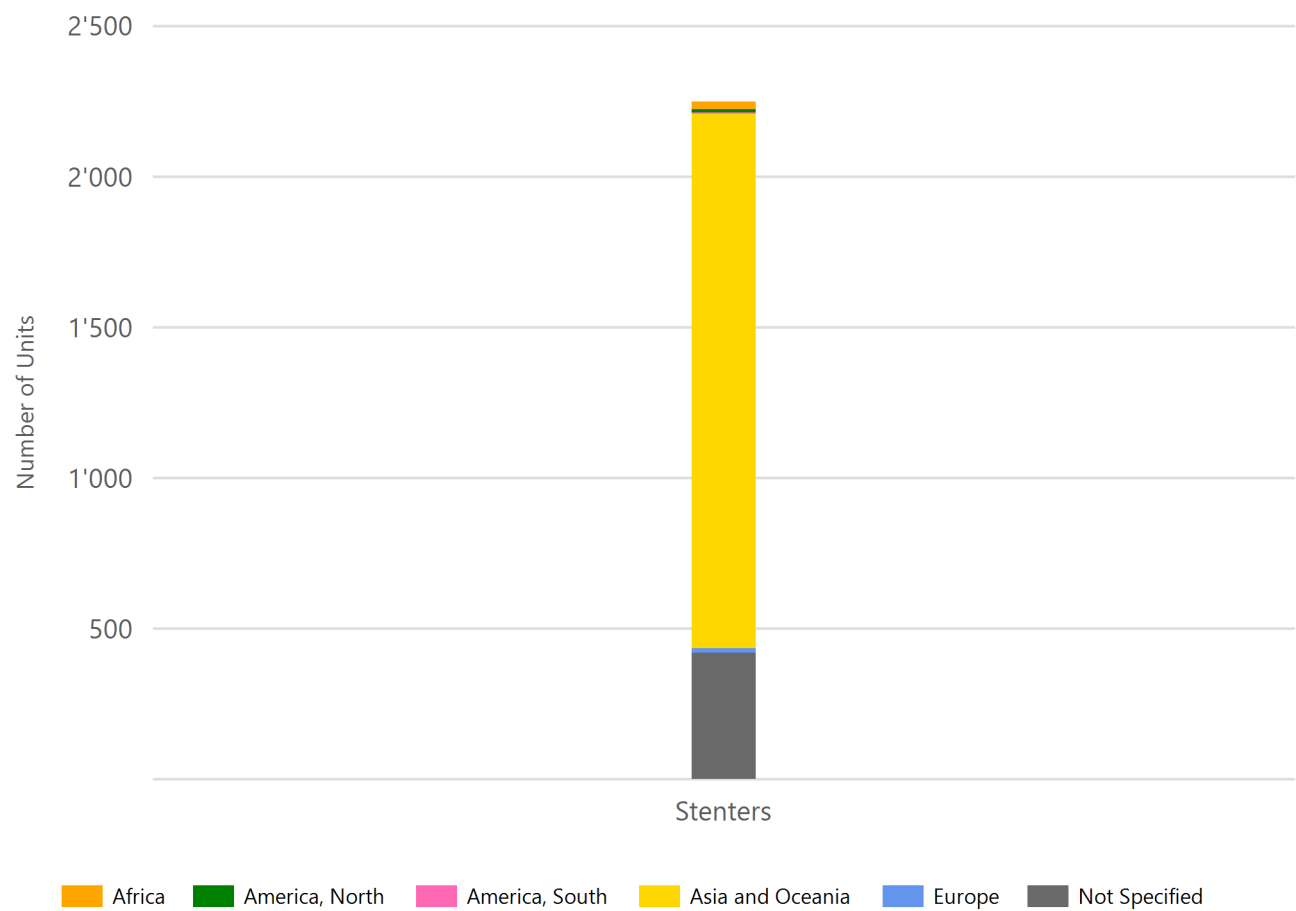
Finishing Machinery (Fabrics Continuous)



Shipments of Finishing Machinery (Fabrics Continuous) in 2024

6 Finishing Machines

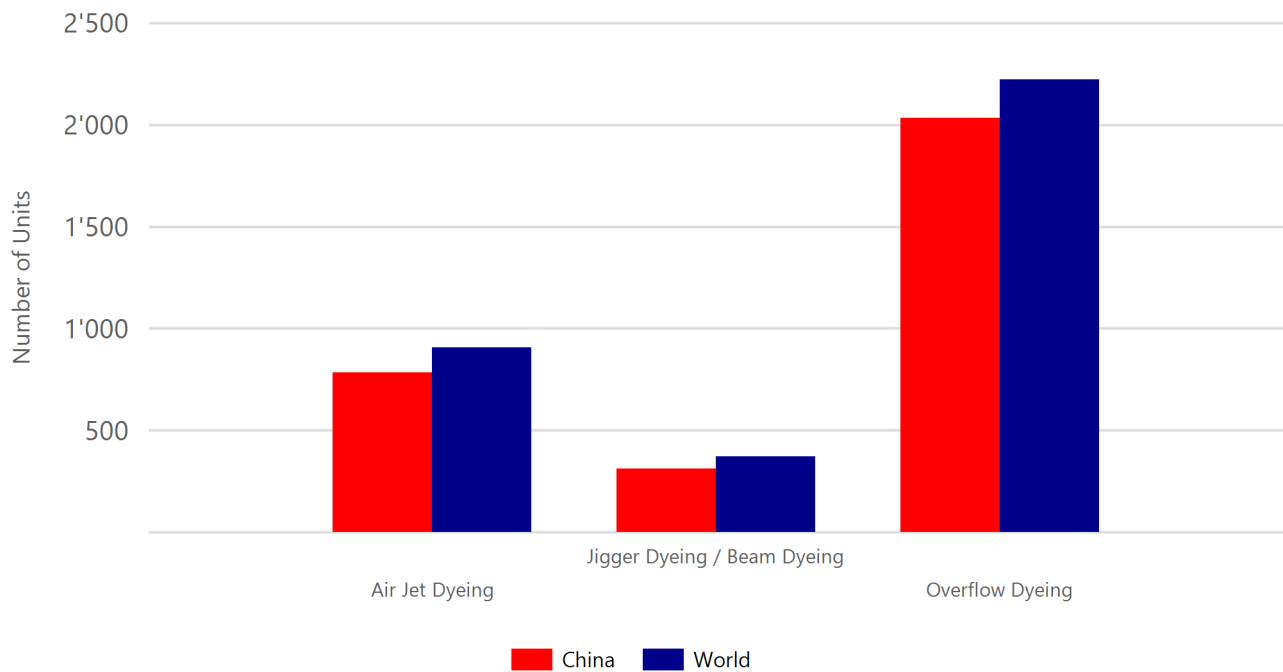
Finishing Machinery (Fabrics Continuous)



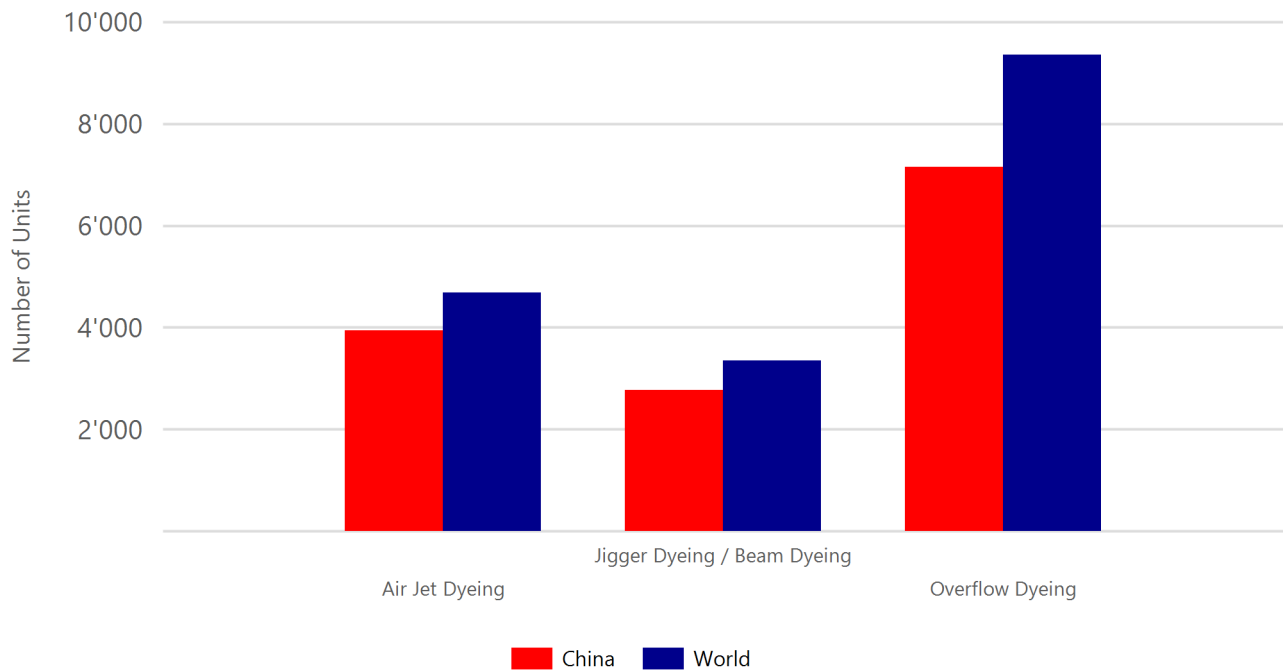
Shipments of Finishing Machinery (Fabrics Continuous) in 2024

6 Finishing Machines

Finishing Machinery (Fabrics Discontinuous)



Shipments of Finishing Machinery (Fabrics Discontinuous) in 2024



Cumulative Shipments of Finishing Machinery (Fabrics Discontinuous) in 2020 - 2024

6 Finishing Machines

Table 6.1

World (destination)	Shipments 2024											
	Fabrics Continuous (Wovens & Knits)									Fabrics Discontinuous (Wovens & Knits)		
	Bleaching - Line	Dyeing - Line (CPB)	Dyeing - Line (Hotflue)	Mercerizing - Line	Relax Dryers / Tumblers	Sanforizers / Compacters	Singeing Line	Stenters	Washing (stand- alone)	Air Jet Dyeing	Jigger Dyeing / Beam Dyeing	Overflow Dyeing
Africa	2	2		3	6	10	2	27	4			
America, North		4	1		1	7		10				
America, South					4	7		4				
Asia and Oceania	42	9	43	28	82	49	5	1'774	130	787	330	2'034
Europe, Others		1	2		10	17		5	2			
Europe, West		6			5	8	1	10	2	1	1	
Not Specified	14		3	6	5		1	419	28	119	40	187
World	58	22	49	37	108	98	8	2'230	163	907	371	2'221

Table 6.2

Africa (destination)	Shipments 2024											
	Fabrics Continuous (Wovens & Knits)									Fabrics Discontinuous (Wovens & Knits)		
	Bleaching - Line	Dyeing - Line (CPB)	Dyeing - Line (Hotflue)	Mercerizing - Line	Relax Dryers / Tumblers	Sanforizers / Compacters	Singeing Line	Stenters	Washing (stand- alone)	Air Jet Dyeing	Jigger Dyeing / Beam Dyeing	Overflow Dyeing
Algeria						1						
Benin					1			3				
Egypt	2	1		3		9	1	4	1			
Mauritania								1				
Not specified (World w/o India)					5		1	19	3			
Swaziland		1										
Africa	2	2		3	6	10	2	27	4			

Table 6.3

America, North (destination)	Shipments 2024											
	Fabrics Continuous (Wovens & Knits)									Fabrics Discontinuous (Wovens & Knits)		
	Bleaching - Line	Dyeing - Line (CPB)	Dyeing - Line (Hotflue)	Mercerizing - Line	Relax Dryers / Tumblers	Sanforizers / Compacters	Singeing Line	Stenters	Washing (stand- alone)	Air Jet Dyeing	Jigger Dyeing / Beam Dyeing	Overflow Dyeing
Guatemala						1						
Mexico			1			5		5				
U.S.A.		4			1	1		5				
America, North		4	1		1	7		10				

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Table 6.4

America, South (destination)	Shipments 2024											
	Fabrics Continuous (Wovens & Knits)									Fabrics Discontinuous (Wovens & Knits)		
	Bleaching - Line	Dyeing - Line (CPB)	Dyeing - Line (Hotflue)	Mercerizing - Line	Relax Dryers / Tumblers	Sanforizers / Compacters	Singeing Line	Stenters	Washing (stand- alone)	Air Jet Dyeing	Jigger Dyeing / Beam Dyeing	Overflow Dyeing
Argentina						1		1				
Brazil					1	4		2				
Colombia					2							
Ecuador					1			1				
Peru						2						
America, South					4	7		4				

Table 6.5

Asia and Oceania (destination)	Shipments 2024											
	Fabrics Continuous (Wovens & Knits)									Fabrics Discontinuous (Wovens & Knits)		
	Bleaching - Line	Dyeing - Line (CPB)	Dyeing - Line (Hotflue)	Mercerizing - Line	Relax Dryers / Tumblers	Sanforizers / Compacters	Singeing Line	Stenters	Washing (stand- alone)	Air Jet Dyeing	Jigger Dyeing / Beam Dyeing	Overflow Dyeing
Bangladesh		1				6		8				
China	39	3	40	25	2	2		1'703	126	785	313	2'034
Chinese Taipei		1			2							
India	3	2	2	3	63	16	5	51	4	2	17	
Indonesia					5	4		2				
Iran								2				
Japan								1				
Korea, Rep.					1	2						
Pakistan		2	1		4	6						
Sri Lanka								1				
Syria						1						
Thailand					1			1				
Turkmenistan								1				
Uzbekistan					2	11		4				
Vietnam					2	1						
Asia and Oceania	42	9	43	28	82	49	5	1'774	130	787	330	2'034

Table 6.7

Europe, Others (destination)	Shipments 2024											
	Fabrics Continuous (Wovens & Knits)									Fabrics Discontinuous (Wovens & Knits)		
	Bleaching - Line	Dyeing - Line (CPB)	Dyeing - Line (Hotflue)	Mercerizing - Line	Relax Dryers / Tumblers	Sanforizers / Compacters	Singeing Line	Stenters	Washing (stand- alone)	Air Jet Dyeing	Jigger Dyeing / Beam Dyeing	Overflow Dyeing
Türkiye		1	2		10	17		5	2			
Europe, Others		1	2		10	17		5	2			

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Table 6.8

Europe, West (destination)	Shipments 2024											
	Fabrics Continuous (Wovens & Knits)									Fabrics Discontinuous (Wovens & Knits)		
	Bleaching - Line	Dyeing - Line (CPB)	Dyeing - Line (Hotflue)	Mercerizing - Line	Relax Dryers / Tumblers	Sanforizers / Compacters	Singeing Line	Stenters	Washing (stand- alone)	Air Jet Dyeing	Jigger Dyeing / Beam Dyeing	Overflow Dyeing
Austria							1					
France					1			2				
Germany		5			1	2		2				
Greece							1					
Italy					2	5		1		1		
Portugal		1						2	1			
Spain					1			1				
Switzerland								1	1		1	
U.K.								1				
Europe, West		6			5	8	1	10	2	1	1	

Table 6.9

Not Specified (destination)	Shipments 2024											
	Fabrics Continuous (Wovens & Knits)									Fabrics Discontinuous (Wovens & Knits)		
	Bleaching - Line	Dyeing - Line (CPB)	Dyeing - Line (Hotflue)	Mercerizing - Line	Relax Dryers / Tumblers	Sanforizers / Compacters	Singeing Line	Stenters	Washing (stand- alone)	Air Jet Dyeing	Jigger Dyeing / Beam Dyeing	Overflow Dyeing
Not specified (World w/o China)	14		3	6				200	25	119	40	187
Not specified (World w/o India)					5		1	19	3			
Not specified (World)								200				
Not Specified	14		3	6	5		1	419	28	119	40	187

Annex - List of Participating Chinese Companies

Spinning

Changzhou Tonghe Textile Machinery Co.,Ltd.
CTMC Jingwei Textile Machinery Co., Ltd.
LMW Textile Machinery (Su Zhou) Co., Ltd
Rieter Textile Systems (Shanghai Co.)
Saurer (Jiangsu) Textile Machinery Co. Ltd.
Shanxi Best Textile Machinery Co., Ltd.
Shandong Tongda Machinery Co.,Ltd.
Shengzhou XinKeYang Machinery Co.,Ltd.
Zhejiang Rifa Textile Machinery Corp.
Zhejiang Taitan Co., Ltd.
Zhoushan 4806 Factory

Texturing

Beijing Chonglee Machinery Engineering Co.,Ltd.
CTMC Jingwei Textile Machinery Co., Ltd.
JiangYin Excellent Precision Machinery Manufacturing Co., Ltd
Jiangsu Hongyuan Textile Machinery Co., Ltd.
Oerlikon China Technology Co., Ltd.
Shanghai TMT Machinery, Inc.
Shaoxing Yuejian Machinery Manufacture Co., Ltd.
Zhejiang Jinggong Technology Co., Ltd

Weaving

Guangdong Fengkai Machinery Manufacturing Co., Ltd.
Hangzhou Yunchun Textile Machinery Co., Ltd.
Hangzhou WeiTao Textile Machinery Co.,Ltd.
Hua Xin Textile Machinery Co., Ltd.
ITEMA Weaving Machinery (China) Co., Ltd.
Jiao Nan District Weaving Machines Factories
Picanol (Suzhou) Textile Machinery Co., Ltd.
Qingdao Haija Textile Machinery Co., Ltd.
Qingdao Derde Textile Machinery Co., Ltd.
Shangdong Rifa Textile Machinery Co., Ltd.
Shanxi Changlin Textile Machinery Co.,Ltd.
Tianyi group red flag textile machinery Co., Ltd
Zhejiang Taitan Co., Ltd.
Zhejiang Wanli Textile Machinery Co., Ltd.
Zhuji Huahai Spinning Machine Co., Ltd.
Zhejiang Haiying Textile Machinery Co.,Ltd.
Zhejiang Zhongyi Textile Machinery Co.,Ltd.

Circular Knitting

Jin Jiang District Knitting Machine Factories
Quan Zhou District Knitting Machinery Factories
Santoni (Shanghai)
Shishi District Knitting Machine Factories
Xia Men District Knitting Machine Factories
Zhang Zhou District Knitting Machine Factories
Zhejiang Rifa Textile Machinery Corp.

Flat Knitting

Jiangsu Guosheng Knitting Machinery Factory
Nantong Tinayuan Flat Knitting Manufacture Co., Ltd.
Ningbo Cixing Knitting Machine Co. Ltd.
Ningbo Beworth Textile Machinery Co.,Ltd.
Tongxiang Qianglong Machinery Co.,Ltd.
Tongxiang Juxing Knitting Machinery Manufacturing Co., Ltd.
Stoll Knitting Machines (Shanghai) Co., Ltd.
Shaoxing District Flat-Knitting Machinery Factories
Zhejiang Feihu Textile Machinery Co., Ltd.

Annex - List of Participating Chinese Companies

Finishing

Fong's National Engineering (Guangdong) Co., Ltd.
Guangzhou Panyu Yihuang Washing-Dye Equipment Manufacturing Co.,Ltd.
Hangzhou Honghua Digital Technology Co. Ltd.
Huzhou Huisheng Machinery Co,. Ltd.
Jiangsu Jianye Machinery Manufacturing Co., Ltd.
Jiangsu Haida Dyeing & Printing Machinery Co,. Ltd.
Jiangsu Redflag Printing & Dyeing Machinery Co., Ltd.
Jiangsu Saga Textile Machinery Co.,Ltd.
Jiangsu Xinlian Printing & Dyeing Mach.Co.,Ltd.
Jilong Machine Industry Co., Ltd.
Shanghai (Taiwan) Keycheng Printing Machinery Co.,Ltd.
Shaoyang Textile Machinery Co.,Ltd.
Texpro & Stentex Machinery Co.,Ltd.
Wuxi Yangjia Machinery Co.,Ltd.
Xi'An Degao Dye. & Prt. Auto Engineering Co., Ltd.
Yoantion Industrial Inc., Ltd.
Zhejiang Huahai Machinery Group

Press Release

Shipments of new textile machinery rose in most segments in 2024, except in texturing

In 2024, global shipments of new short-staple spindles and open-end rotors decreased by -40% and -39%, respectively (year-on-year). Deliveries of long-staple spindles increased by +62%. The number of draw-texturing spindles improved by +77% and shipped shuttle-less looms grew by +32%. Shipments of large circular knitting machines deteriorated by -15% and shipped flat knitting machines registered a 16%-increase. The sum of all deliveries in the finishing segment slightly rose by +6%.

These are the main results of the 47th annual International Textile Machinery Shipment Statistics (ITMSS) just released by the International Textile Manufacturers Federation (ITMF). The report covers six segments of textile machinery, namely spinning, draw-texturing, weaving, large circular knitting, flat knitting, and finishing. A summary of the findings for each category is presented below. The 2024 survey has been compiled in cooperation with more than 200 textile machinery manufacturers representing a comprehensive measure of world production.

Spinning Machinery

The total number of shipped short-staple spindles decreased by 3.8 million units in 2024 to a level of 5.92 million. Most of the new shipments went to Asia & Oceania (90%) where deliveries decreased by -36% compared to 2023. Shipment to Africa, Europe (incl. Türkiye), North and Central America decreased by -64%, -56%, and -90%, respectively. Deliveries only increased for destinations in South America (+1.7% to 82.6 thousand) and Eastern Europe (+12% to 10.5 thousand). The six largest investors in the short-staple segment were China, India, Türkiye, Bangladesh, Egypt, and Indonesia.

623 thousand open-end rotors were shipped worldwide in 2024. This represents about 390 thousand units less than recorded in 2023. 89% of global shipments went to Asia & Oceania where deliveries decreased by -35% to 557 thousand. China, India, and Türkiye were the world's 3 largest investors in rotors but saw investments drop by -32%, -57% and -56%, respectively. Deliveries decreased in all major destination countries except for Vietnam and Bangladesh, the 4th and 6th largest destinations in 2024, where shipment rose by +214% and +44% compared to 2023.

Global shipments of long-staple (wool) spindles increased to 600 thousand unit in 2024 (+60%). This positive effect was driven by a rise in deliveries to Asia and Oceania and Eastern Europe where 138 and 15 thousand units were shipped, respectively. 40% of total deliveries were shipped to Iran, 30% to China, and 13% to Vietnam.

Texturing Machinery

Global shipments of single heater draw-texturing spindles (mainly used for polyamide filaments) increased by +95% from nearly 43 thousand units in 2023 to 84 thousand units in 2024. With a share of 98.5%, Asia & Oceania remained the strongest destination for single heater draw-texturing spindles in 2024. China, Vietnam, and India were the 3 main investors in this segment with shares of global deliveries of 95%, 1.01%, and 0.97%, respectively.

In the category of double heater draw-texturing spindles (mainly used for polyester filaments), global shipments increased by +80% to a level of 960 thousand units. Asia's share of worldwide shipments increased to 98% and China continued to be the world's largest investor, accounting for 95% of global shipments.

Weaving Machinery

In 2024, global shipments of shuttle-less looms increased by +32% to 226 thousand units. Deliveries in the categories "air-jet" and "water-jet" grew by +10% and +56% to 58 and 143 thousand looms, respectively. The number of "rapier and projectile" looms dropped by -7% to 25 thousand units. The main destination for shuttle-less looms was Asia & Oceania with 97% of worldwide deliveries. 97%, 87%, and 99% of global air-jet, rapier/projectile, and water-jet looms were shipped to the region, respectively. The main investor in all loom categories was China where shipment grew by 30% (air-jet), 38% (rapier and projectile) and 63% (water-jet).

Circular & Flat Knitting Machinery

Global shipments of large circular knitting machines decreased by -15% to 28 thousand units in 2024. Asia & Oceania was the world's leading investor in this category with 81% of global shipments. China was the favoured destination with 45% of all deliveries (10'786 units), a decrease of -42% compared to 2023. India and Vietnam ranked second and third destinations with 3'899 and 2'559 shipped units, respectively.

The number of shipped electronic flat knitting machines increased by +16% to 135 thousand machines in 2024. The growth was driven by Asia & Oceania which received 96% of world shipments. Deliveries to all other regions decreased. China remained the world's largest investor with an 82%-share of total shipments.

Press Release

Finishing Machinery

In the “fabrics continuous” segment, the number of shipped stenters increased by +22% from 1'833 units in 2023 to 2'230 units in 2024. This number includes an estimate for the total number of stenters shipped by companies which have not participated to the ITMF survey. Participating companies reported mixed results for all other machines in this category (between a decrease of -53% for Dyeing - Line, CPB and an increase of +390% for Dyeing - Line, Hotflue). In the “fabrics discontinuous” segment, the number of “jigger dyeing / beam dyeing” shipped in 2024 dropped by -44% to 371 units. Deliveries of “air jet dyeing” and “overflow dyeing” rose by +18% to 907 units and 5% to 2'221 units, respectively.

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