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INTERNATIONAL TEXTILE MACHINERY SHIPMENT STATISTICS

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

ITMF

International Textile Machinery Shipment Statistics

Vol. 37/2014

International Textile Machinery Shipment Statistics has been compiled with the cooperation of some 110 manufacturers of spinning, drawtexturing, weaving, knitting and finishing machinery. The 2014 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 for export) which were physically shipped during the year under review. This should not be confused with sales or installations.

The actual number of short-and long-staple ring spindles, o-e rotors, shuttle and shuttle-less looms (the latter divided into rapier/projectile, air-jet and water-jet), which were shipped by the participating manufacturers during 2014 to the countries listed, are shown alongside 2013 year-end capacity figures and cumulative shipments for the years 2005-2014 in sections 1 and 3, respectively. In regard to drawtexturing spindles, circular and flat knitting machinery (sections 2, 4 and 5), cumulative shipment data are available, but not installed capacities. For finishing machinery (section 6) no cumulative data are presented, this year being the tenth of their inclusion in the survey.

Volume 37/2014 of the International Textile Machinery Shipment Statistics represents the 41st year of the statistical series begun in 1974 (then entitled International Cotton Industry Statistics Supplement).

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International Textile Manufacturers Federation
Fédération Internationale des Industries Textiles
Internationale Vereinigung der Textilindustrie

Wiedingstrasse 9
CH - 8055 Zurich
Switzerland

Phone (+41-44) 283 63 80
Fax (+41-44) 283 63 89
e-mail secretariat@itmf.org
Web www.itmf.org

Contents

5 Acknowledgements

Section 1: Spinning Machinery

7 List of Participating Companies

8 Graphical Summaries

Tables:

11 - Summary

12 - Africa

13 - The Americas

14 - Asia & Oceania

15 - Europe

Section 2: Drawtexturing Machinery

16 List of Participating Companies

17 Graphical Summaries

Tables:

19 - Summary

20 - Africa

21 - The Americas

22 - Asia & Oceania

23 - Europe

Section 3: Weaving Machinery

24 List of Participating Companies

25 Graphical Summaries

Tables:

27 - Summary

29 - Africa

31 - The Americas

33 - Asia & Oceania

35 - Europe

Contents

Section 4: Circular Knitting Machinery

37 List of Participating Companies

38 Graphical Summaries

Tables:

40 - Summary

42 - Africa

44 - The Americas

46 - Asia & Oceania

48 - Europe

Section 5: Flat Knitting Machinery

50 List of Participating Companies

51 Graphical Summaries

Tables:

53 - Summary

55 - Africa

57 - The Americas

59 - Asia & Oceania

61 - Europe

Section 6: Finishing Machinery

63 List of Participating Companies

Tables:

64 - Shipments of Wovens Continuous

65 - Shipments of Knits Continuous

Annex

66 List of Participating Chinese Companies

68 Press Release

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SAURER. Zinser

FONG'S — Hong-Kong

LMW — India

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Italy









Japan







Switzerland





Spinning Machinery

List of Participating Companies

Country	Company	2006	2007	2008	2009	2010	2011	2012	2013	2014
China	(All Chinese Manufacturers)	x	x	x	x	x	x	x	x	x
	Saurer China	-	x	x	x	x	x	x	x	x
	Rieter Textile Systems	-	x	x	x	x	x	x	x	x
Chinese Taipei	Sun Mien	x	x	x	x	x	x	x	x	x
Czech Rep.	Rieter CZ	x	x	x	x	x	x	x	x	x
France	Schlumberger	x	-	-	-	-	-	-	-	-
Germany	Rieter Ingolstadt	x	x	x	x	x	x	x	x	x
	Saurer Schlafhorst	x	x	x	x	x	x	x	x	x
	Saurer Zinser	x	x	x	x	x	x	x	x	x
India	KTTM	-	-	x	x	x	x	x	x	x
	Lakshmi	x	x	x	x	x	x	x	x	x
Italy	Bigagli – Off. Big	-	x	x	-	-	x	x	x	-
	Cognetex	x	x	x	x	x	x	x	-	-
	DM Engineering (Delpiano)	x	x	x	x	-	-	-	-	-
	Gaudino	x	x	x	x	x	x	x	x	x
	Marzoli	x	x	x	x	x	x	x	x	x
	Savio	x	x	x	x	x	x	x	x	x
Japan	Toyota	x	x	x	x	x	x	x	x	x
Switzerland	Rieter Machine Works	x	x	x	x	x	x	x	x	x

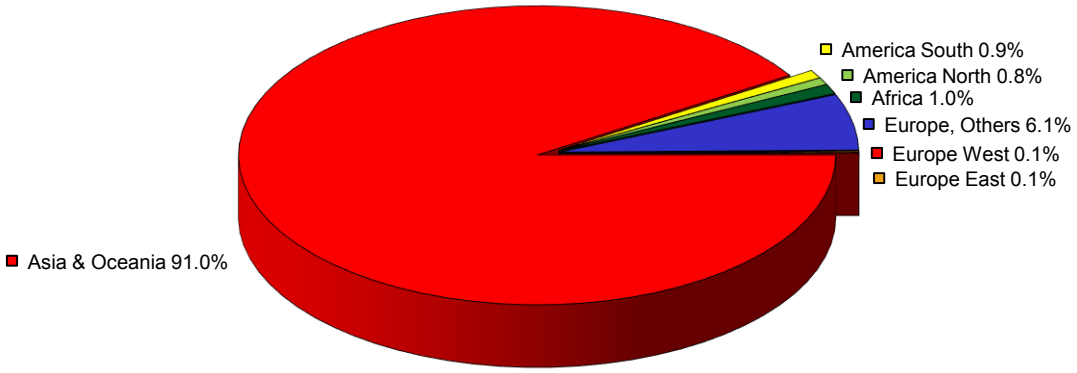


Fig. 1: Shipments 2014
total recorded: 9,804,504 short-staple spindles

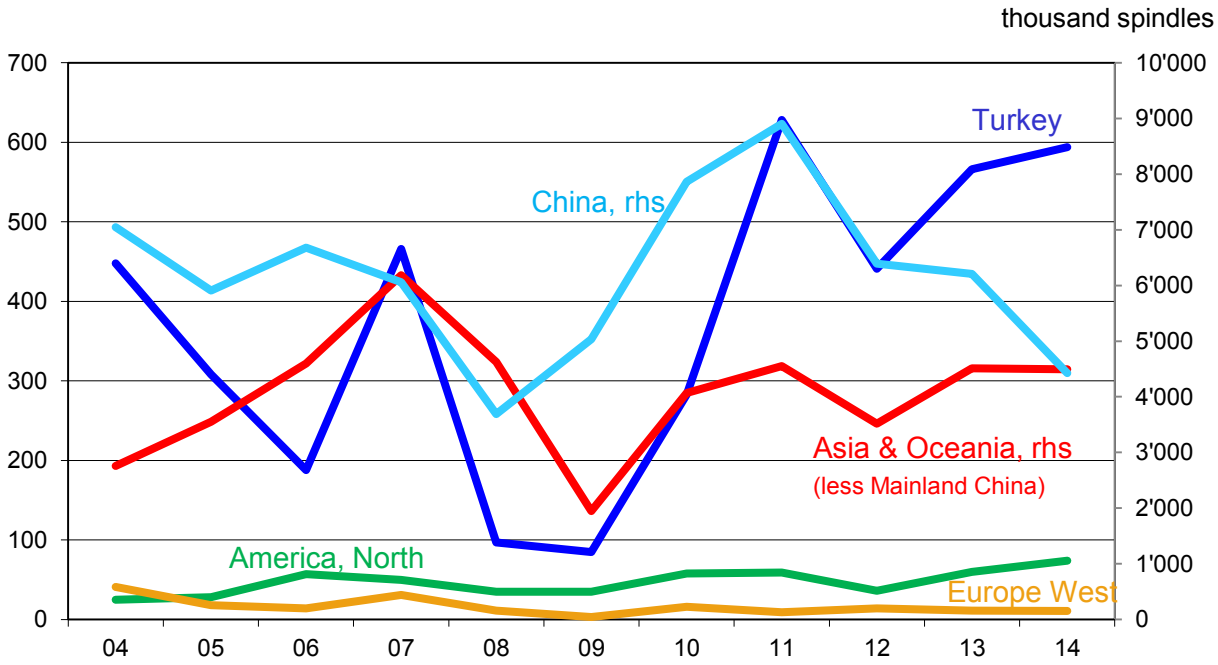


Fig. 2: Recorded Shipments 2004 - 2014

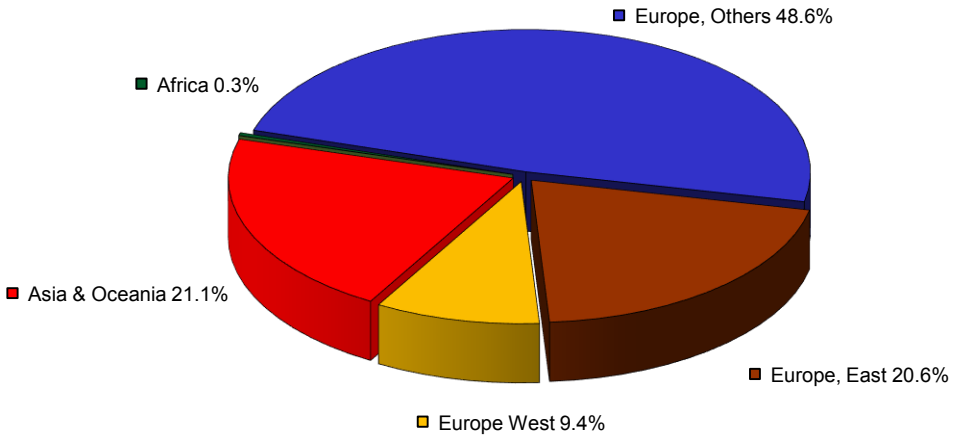


Fig. 3: Shipments 2014
total recorded: 137,648 long-staple spindles

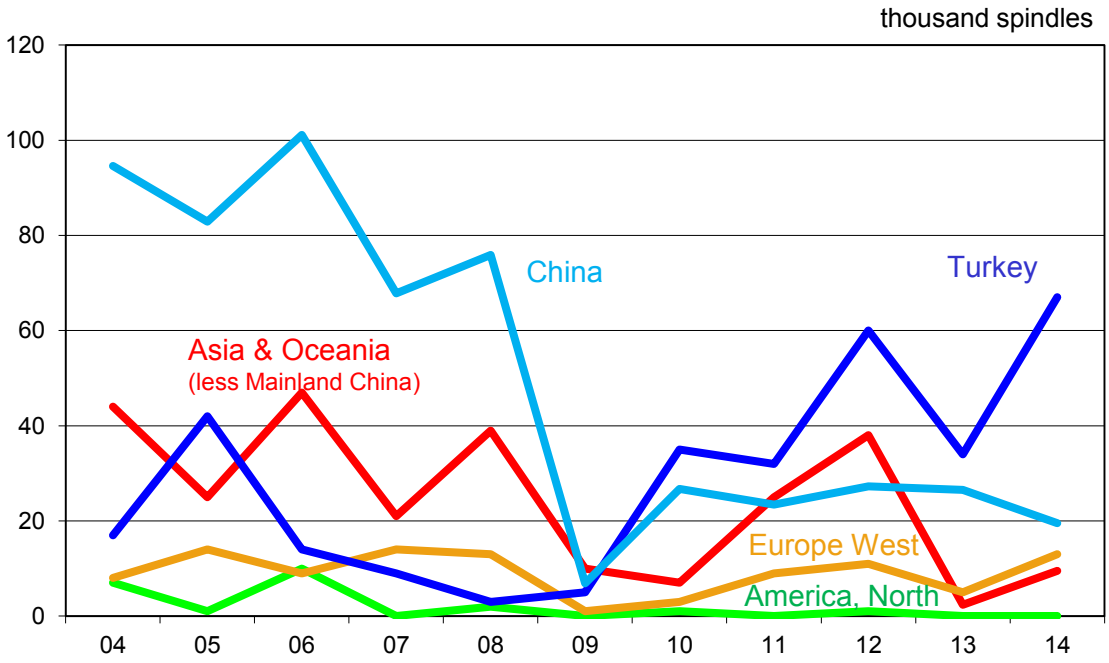


Fig. 4: Recorded Shipments 2004 - 2014

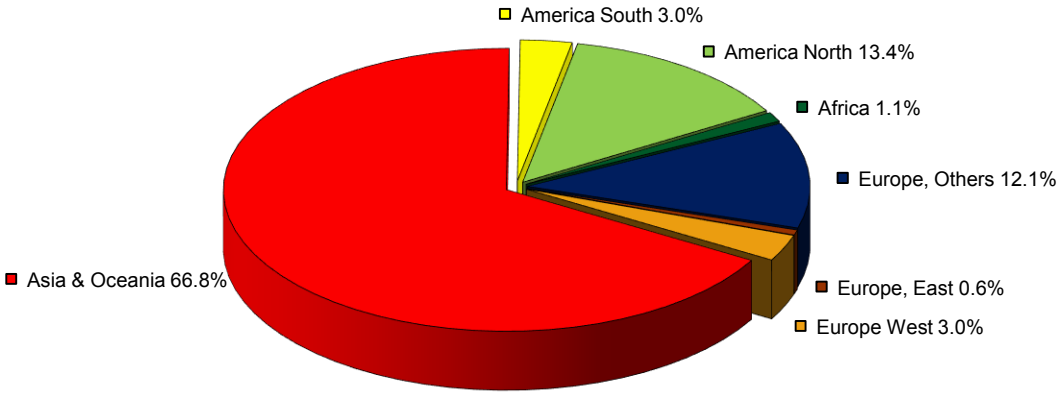


Fig. 5: Shipments 2014
total recorded: 454,720 rotors

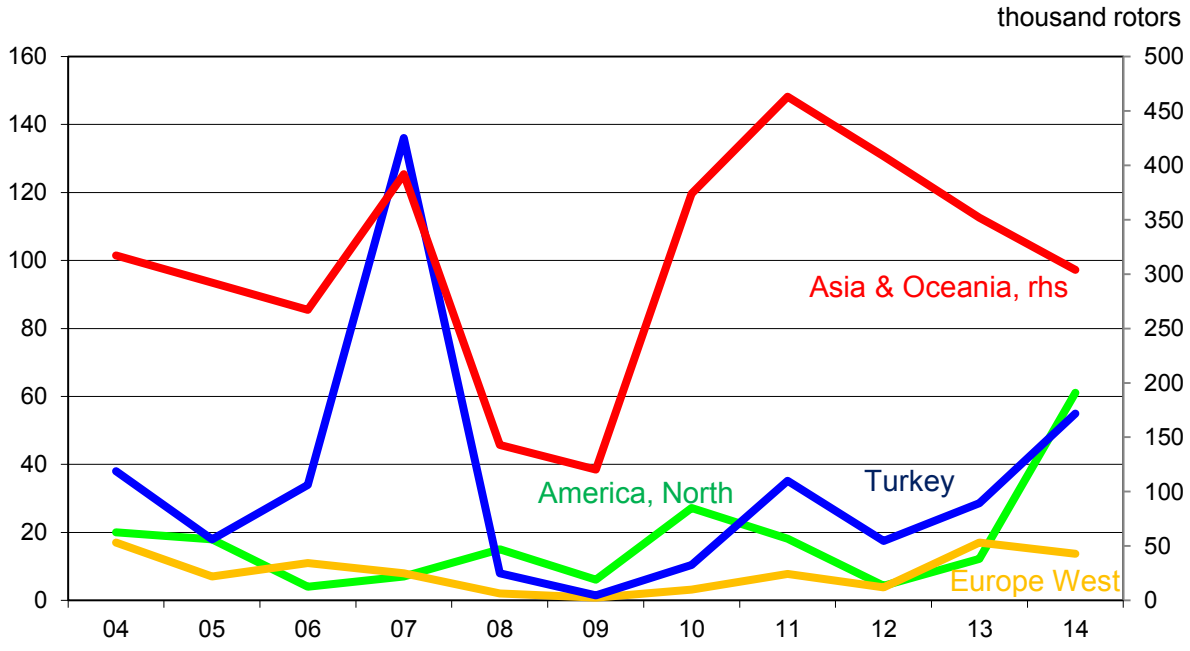


Fig. 6: Recorded Shipments 2004 - 2014

Table 1.1: Summary

Continent (destination)	2013 Installed Spinning Capacities			Cumulative Shipments 2005-2014			Shipments 2014		
	Spindles		O-E Rotors	Spindles		O-E Rotors	Spindles		O-E Rotors
	Short-Staple	Long-Staple (a)		Short-Staple	Long-Staple		Short-Staple	Long-Staple	
Africa	5'388'294	256'584	163'718	825'204	7'920	39'984	102'192	432	5'004
America, North	5'499'000	908'000	455'800	492'224	15'028	173'156	74'096		61'088
America, South	9'732'000	701'000	527'000	733'398	56'124	200'056	88'252		13'420
Asia & Oceania	211'524'614	6'614'552	4'905'900	103'033'900	682'746	3'115'386	8'923'856	29'008	303'888
Europe, East	3'658'784	1'294'340	1'405'740	106'236	94'674	66'540	11'376	28'368	2'600
Europe, Others	7'100'000	775'364	720'000	3'655'742	302'628	343'992	594'016	66'960	55'036
Europe, West	1'435'664	4'172'000	160'994	138'012	92'042	75'072	10'716	12'880	13'684
World	**244'338'356**	**14'721'840**	**8'339'152**	**108'984'712**	**1'251'162**	**4'014'186**	**9'804'504**	**137'648**	**454'720**

Notes to Tables

(a) Due to less systematic reporting system, the data for capacities in the long-staple (wool) sector are in most cases effectively rough estimates

Table 1.2: Africa

Country (destination)	2013 Installed Spinning Capacities			Cumulative Shipments 2005-2014			Shipments 2014		
	Spindles		O-E Rotors	Spindles		O-E Rotors	Spindles		O-E Rotors
	Short-Staple	Long-Staple (a)		Short-Staple	Long-Staple		Short-Staple	Long-Staple	
Algeria	300'000	15'000	4'000	36'192			36'192		
Angola	50'000			81'600		400	32'400		400
Benin	60'000					5'988			
Botswana	15'000		1'500						
Burkina Faso	7'000					960			
Cameroon	55'000	1'000				2'160			
Chad	8'000		35'000	18'144					
Egypt	1'957'894	98'000	16'678	450'288	1'776	1'200	6'480		1'200
Eritrea	39'500								
Ethiopia	200'000	1'000	5'000	46'560		9'668			2'660
Ghana	120'000								
Ivory Coast	120'000		3'000						
Kenya	140'000	4'000	900	14'928		432			
Lesotho			2'000						
Madagascar	20'000	8'568	1'300						
Malawi	50'000								
Mali	40'000								
Mauritius	88'000	1'000	800	49'284		1'300	3'600		
Morocco	450'000	52'016	40'000	40'368	4'608	5'472	1'920		
Mozambique	50'000								
Niger	14'000								
Nigeria	200'000	3'000	12'000	11'160		920			
Senegal	25'000								
South Africa	59'500	60'000	1'440	34'800	1'536	4'440		432	480
Sudan	400'000		20'000	21'600			21'600		
Swaziland	54'000								
Tanzania	400'000	3'000		6'120		5'600			
Togo	25'000								
Tunisia	140'400	4'000	6'500	4'800		264			264
Uganda	50'000		1'200	5'040		800			
Zaire	50'000		2'500						
Zambia	100'000	3'000	2'500						
Zimbabwe	100'000	3'000	7'400	4'320		380			
Africa	**5'388'294**	**256'584**	**163'718**	**825'204**	**7'920**	**39'984**	**102'192**	**432**	**5'004**

Footnote on page 11

Table 1.3: The Americas

Country (destination)	2013 Installed Spinning Capacities			Cumulative Shipments 2005-2014			Shipments 2014		
	Spindles		O-E Rotors	Spindles		O-E Rotors	Spindles		O-E Rotors
	Short-Staple	Long-Staple (a)		Short-Staple	Long-Staple		Short-Staple	Long-Staple	
Canada	200'000	50'000	25'000		720	1'280			
Costa Rica	14'000			34'272			34'272		
Cuba	600'000		1'000			960			
Dominican Rep.	35'000		1'400						
El Salvador	250'000		1'400	68'880		2'004			
Guatemala	150'000	3'000	21'000	62'160		856	4'320		
Mexico	3'540'000	227'000	103'000	255'840	10'028	25'624	8'672		456
Nicaragua	40'000			4'032					
U.S.A.	670'000	628'000	303'000	67'040	4'280	142'432	26'832		60'632
America, North	**5'499'000**	**908'000**	**455'800**	**492'224**	**15'028**	**173'156**	**74'096**		**61'088**
Argentina	1'790'000	260'000	60'000	73'488		19'300	18'144		600
Bolivia	50'000	7'000	2'500		2'016	48			
Brazil	5'070'000	200'000	376'000	538'698	20'632	170'328	65'248		10'636
Chile	400'000	17'000	4'000		912	320			
Colombia	950'000	37'000	25'000	18'192	1'056	336			
Ecuador	150'000	35'000	12'000	20'208	16'644	2'500	3'120		240
Paraguay	32'000								
Peru	700'000	70'000	18'000	82'812	14'864	2'120	1'740		264
Uruguay	40'000	60'000	4'500						
Venezuela	550'000	15'000	25'000			5'104			1'680
America, South	**9'732'000**	**701'000**	**527'000**	**733'398**	**56'124**	**200'056**	**88'252**		**13'420**
The Americas	**15'231'000**	**1'609'000**	**982'800**	**1'225'622**	**71'152**	**373'212**	**162'348**		**74'508**

Footnote on page 11

Table 1.4: Asia & Oceania

Country (destination)	2013 Installed Spinning Capacities			Cumulative Shipments 2005-2014			Shipments 2014		
	Spindles		O-E Rotors	Spindles		O-E Rotors	Spindles		O-E Rotors
	Short-Staple	Long-Staple (a)		Short-Staple	Long-Staple		Short-Staple	Long-Staple	
Australia	1'800	58'000	3'000						
Bahrain	46'000		500	4'800			4'800		
Bangladesh	9'800'000	15'000	300'000	4'133'024		80'052	349'424		7'880
Brunei						560			560
China	110'000'000	3'623'400	2'720'000	61'165'860	458'128	2'395'680	4'426'876	19'552	147'180
Chinese Taipei	1'350'643	250'000	65'272	29'736	750	6'872			560
Hong Kong, Chin	129'000	24'000	14'900	30'288			19'440		
India	49'460'000	991'152	814'000	23'044'690	36'466	276'286	2'184'620	3'456	36'264
Indonesia	11'797'695	103'000	126'712	3'851'596		65'808	502'236		23'480
Iran	2'200'000	110'000	88'000	174'648	122'966	12'672	10'176	6'000	480
Iraq	200'000	15'000	15'000			840			
Israel				2'100					
Japan	782'000	473'000	12'000	29'984	780	768			
Jordan	16'000	2'000	500			200			
Kazakhstan	200'000		50'000	90'864		12'500	47'520		280
Kirghizstan	64'000	1'000							
Korea, P.R.				47'880		400	9'720		
Korea, Rep.	1'313'376	686'000	8'976	743'356		5'288	27'264		800
Laos				480					
Malaysia	40'500	35'000		145'320		43'608	48'120		17'640
Mongolia					1'608				
Myanmar	250'000		1'600	241'260		2'400			
Nepal	79'000			51'840			3'600		
New Zealand		70'000			1'440				
Pakistan	11'946'000	35'000	213'892	3'740'528	448	8'876	347'232		1'680
Philippines	250'000	13'000	50'000	25'380		26'320	25'380		26'320
Singapore		3'000							
Sri Lanka	25'600		200	7'104		280			280
Syria	770'000	32'000	27'000	229'632	17'152	14'524			
Tadzhikistan	221'000	4'000	53'000	48'384		1'968			
Thailand	3'622'000	65'000	48'000	455'682	32'352	27'736	22'560		8'960
Turkmenistan	160'000	1'000	25'000	174'160		20'368	4'416		1'680
U.A. Emirates				47'160	8'976		3'240		
Uzbekistan	1'700'000	3'000	165'000	939'272		52'304	137'532		14'640
Vietnam	5'100'000	2'000	103'348	3'578'868	1'680	59'076	749'700		15'204
Asia & Oceania	**211'524'614**	**6'614'552**	**4'905'900**	**103'033'896**	**682'746**	**3'115'386**	**8'923'856**	**29'008**	**303'888**

Footnote on page 11

Table 1.5: Europe

Country (destination)	2013 Installed Spinning Capacities			Cumulative Shipments 2005-2014			Shipments 2014		
	Spindles		O-E Rotors	Spindles		O-E Rotors	Spindles		O-E Rotors
	Short-Staple	Long-Staple (a)		Short-Staple	Long-Staple		Short-Staple	Long-Staple	
Austria	126'624	33'000	11'704	4'128		12'792			
Belgium	24'900	128'000	11'300		432	4'904			3'576
Finland		4'000							
France	43'200	223'000	25'800			1'104			
Germany	274'440	95'000	28'190	13'344	912	3'184	540	192	432
Greece	350'000	200'000	13'500	11'760					
Ireland	23'000	45'000							
Italy	280'000	2'650'000	6'000	56'112	83'222	11'408	864	10'584	1'368
Netherlands	9'000	24'000	7'000			11'080			2'800
Norway		20'000			880				
Portugal	190'000	310'000	29'000	24'576		13'312	4'032		2'040
Spain	66'500	275'000	27'000	20'928	3'436	12'328	5'280		1'228
Switzerland	48'000	30'000	1'500	7'164	1'680	4'960		624	2'240
U.K.		135'000			1'480			1'480	
Europe, West	**1'435'664**	**4'172'000**	**160'994**	**138'012**	**92'042**	**75'072**	**10'716**	**12'880**	**13'684**
Albania	180'000								
Armenia	45'000		15'000						
Azerbaijan	140'000		45'000	28'680		4'960			
Belarus	125'500	3'900	31'500	17'400	33'048	5'784		21'216	2'400
Bosnia & Herz.	100'000								
Bulgaria	640'000	40'000	68'000	14'400	7'892	1'960		2'160	
Croatia	14'924	3'000	2'380	14'592			9'600		
Czech Republic	175'100	26'440	32'800	828	14'916	1'068		2'112	
Estonia	113'000		60'000						
Georgia	50'000		15'000						
Hungary	55'400	19'000							
Latvia						736			
Lithuania	221'800	7'000	23'100						
Macedonia	240'000								
Moldova			29'760			9'720			
Poland	9'800	240'000	3'200	4'176	21'698	800		2'880	
Romania	120'000	423'000	15'000		16'800	720			
Russia	485'000	500'000	790'000	7'200	320	35'552			200
Serbia		30'000							
Slovakia	8'700			9'120					
Slovenia	34'560			9'840			1'776		
Ukraine	900'000	2'000	275'000			5'240			
Europe, East	**3'658'784**	**1'294'340**	**1'405'740**	**106'236**	**94'674**	**66'540**	**11'376**	**28'368**	**2'600**
Turkey	7'100'000	775'364	720'000	3'655'742	302'628	343'992	594'016	66'960	55'036
Europe, Other	**7'100'000**	**775'364**	**720'000**	**3'655'742**	**302'628**	**343'992**	**594'016**	**66'960**	**55'036**
Europe	**12'194'448**	**6'241'704**	**2'286'734**	**3'899'990**	**489'344**	**485'604**	**616'108**	**108'208**	**71'320**

Footnote on page 11

Drawtexturing Machinery List of Participating Companies

Country	Company	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
China	(All Chinese Manufacturers)	x	x	x	x	x	x	x	x	x	x
France	RITM (former Rieter France)	x	x	-	-	-	-	-	-	-	-
Germany	Oerlikon Barmag	x	x	x	x	x	x	x	x	x	x
India	Aalidhra	-	x	x	x	x	x	x	-	-	-
	Himson	x	x	x	x	-	-	x	x	x	-
	Lakshmi	-	-	-	-	-	-	-	-	-	-
Italy	Guidici	x	x	x	-	-	-	-	x	x	x
	RPR	x	-	-	-	-	-	-	-	-	-
Japan	Ishikawa Seisakusho	x	x	-	x	-	-	-	-	-	-
	TMT	x	x	x	x	x	x	x	x	x	x
Switzerland	SSM	-	-	-	-	-	-	-	x	x	x

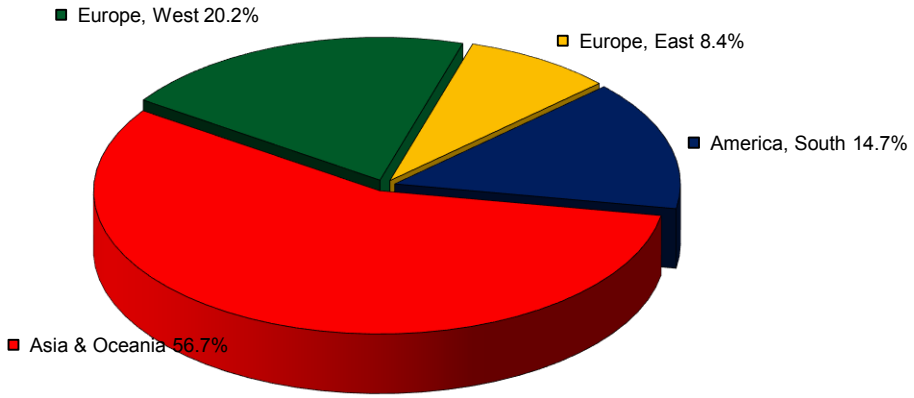


Fig. 7: Shipments 2014
total recorded: 4,576

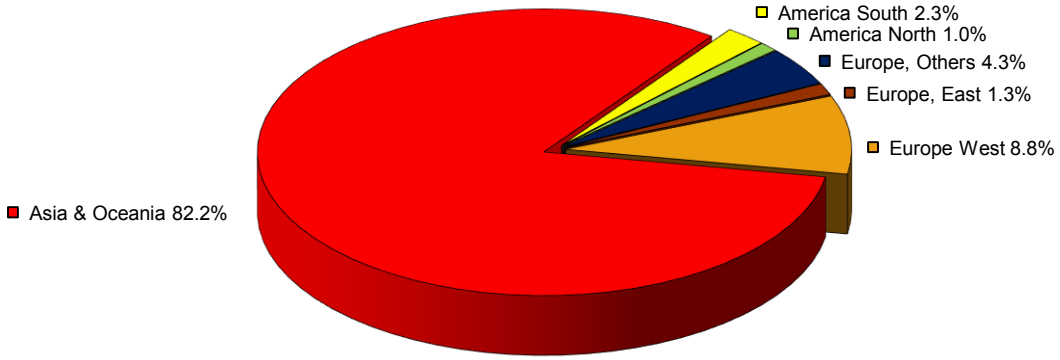


Fig. 8: Cumulative Shipments 2005 – 2014
total recorded: 54,000 spindles

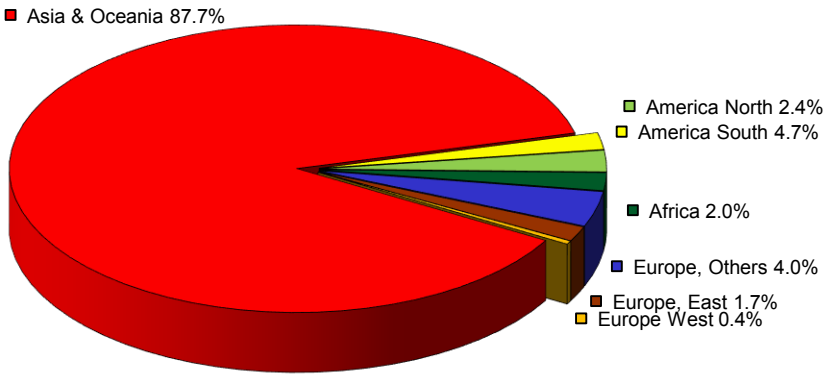


Fig. 9: Shipments 2014
total recorded: 443,352

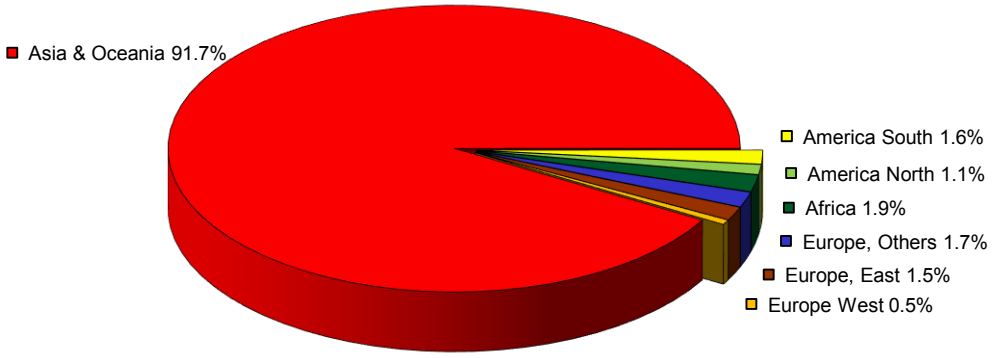


Fig. 10: Cumulative Shipments 2005 – 2014
total recorded: 4,247,268 spindles

Table 2.1: Summary

Continent (destination)	Shipments of False-Twist Spindles					
	Cummulative Shipments 2005-2014			Shipments 2014		
	Single Heater	Double Heater	Total	Single Heater	Double Heater	Total
Africa		80'334	80'334		8'880	8'880
America, North	564	47'300	47'864	4	10'704	10'708
America, South	1'248	66'602	67'850	672	8'400	9'072
Asia & Oceania	44'392	3'892'720	3'937'112	2'592	388'728	391'320
Europe, East	681	64'824	65'505	384	7'440	7'824
Europe, Others	2'340	72'744	75'084		17'520	17'520
Europe, West	4'775	22'744	27'519	924	1'680	2'604
World	**54'000**	**4'247'268**	**4'301'268**	**4'576**	**443'352**	**447'928**

Table 2.2: Africa

Country (destination)	Shipments of False-Twist Spindles					
	Cummulative Shipments 2005-2014			Shipments 2014		
	Single Heater	Double Heater	Total	Single Heater	Double Heater	Total
Algeria		17'520	17'520		1'200	1'200
Angola		480	480		480	480
Botswana		960	960			
Djibouti		480	480			
Egypt		39'774	39'774		3'600	3'600
Ivory Coast		240	240			
Kenya		720	720			
Lesotho		1'680	1'680			
Libya		720	720			
Madagascar		1'680	1'680			
Mauritius		480	480		240	240
Morocco		1'440	1'440		480	480
Nigeria		240	240			
South Africa		10'320	10'320		2'640	2'640
Sudan		1'680	1'680			
Tunisia		240	240			
Zimbabwe		1'680	1'680		240	240
Africa		**80'334**	**80'334**		**8'880**	**8'880**

Table 2.3: The Americas

Country (destination)	Shipments of False-Twist Spindles					
	Cummulative Shipments 2005-2014			Shipments 2014		
	Single Heater	Double Heater	Total	Single Heater	Double Heater	Total
Canada		5'760	5'760		1'440	1'440
Dominican Rep.		720	720			
El Salvador		1'440	1'440			
Guatemala		840	840		240	240
Honduras		1'224	1'224			
Mexico	48	10'320	10'368			
U.S.A.	516	26'996	27'512	4	9'024	9'028
America, North	**564**	**47'300**	**47'864**	**4**	**10'704**	**10'708**
Argentina		3'240	3'240			
Brazil	672	36'264	36'936	672	240	912
Chile		9'600	9'600		960	960
Colombia		5'018	5'018		2'160	2'160
Paraguay		2'400	2'400		480	480
Peru	576	3'120	3'696		240	240
Uruguay		720	720			
Venezuela		6'240	6'240		4'320	4'320
America, South	**1'248**	**66'602**	**67'850**	**672**	**8'400**	**9'072**
The Americas	**1'812**	**113'902**	**115'714**	**676**	**19'104**	**19'780**

Table 2.4: Asia & Oceania

Country (destination)	Shipments of False-Twist Spindles					
	Cummulative Shipments 2005-2014			Shipments 2014		
	Single Heater	Double Heater	Total	Single Heater	Double Heater	Total
Australia		2'640	2'640		240	240
Bangladesh		4'800	4'800		240	240
Cambodia		480	480		480	480
China	35'256	2'890'044	2'925'300	960	266'056	267'016
Chinese Taipei	4'856	33'724	38'580	1'632	6'504	8'136
Hong Kong, China		24'216	24'216			
India		413'236	413'236		14'640	14'640
Indonesia	900	27'312	28'212		5'792	5'792
Iran		30'552	30'552		3'840	3'840
Iraq		6'480	6'480		3'360	3'360
Israel		4'560	4'560		720	720
Japan	1'140	179'280	180'420		57'960	57'960
Jordan		2'640	2'640			
Kirghizstan		240	240			
Korea, P.R.		4'560	4'560			
Korea, Rep.	672	24'544	25'216		3'600	3'600
Kuwait		240	240		240	240
Lebanon		1'680	1'680			
Malaysia		12'720	12'720		720	720
Maldives		240	240			
Mongolia		240	240			
Myanmar		240	240		240	240
Nepal		312	312			
New Zealand		480	480			
Pakistan		14'160	14'160		1'440	1'440
Philippines		11'760	11'760		11'280	11'280
Saudi Arabia		5'760	5'760			
Singapore		3'840	3'840			
Sri Lanka		2'160	2'160			
Syria	288	30'348	30'636			
Thailand	992	79'776	80'768		2'160	2'160
U.A. Emirates		14'880	14'880			
Uzbekistan		2'400	2'400		480	480
Vietnam	288	62'176	62'464		8'736	8'736
Asia & Oceania	**44'392**	**3'892'720**	**3'937'112**	**2'592**	**388'728**	**391'320**

Table 2.5: Europe

Country (destination)	Shipments of False-Twist Spindles					
	Cummulative Shipments 2005-2014			Shipments 2014		
	Single Heater	Double Heater	Total	Single Heater	Double Heater	Total
Belgium		480	480			
Denmark		24	24			
France		480	480			
Germany		7'644	7'644			
Greece		960	960			
Italy	4'775	2'764	7'539	924		924
Luxembourg		72	72			
Netherlands		960	960			
Portugal		480	480			
Spain		5'280	5'280		960	960
Switzerland		720	720		480	480
U.K.		2'880	2'880		240	240
Europe, West	**4'775**	**22'744**	**27'519**	**924**	**1'680**	**2'604**
Albania		480	480			
Armenia		1'200	1'200			
Belarus		7'872	7'872			
Bulgaria		5'040	5'040		240	240
Croatia		480	480			
Czech Republic		240	240			
Estonia		720	720		240	240
Georgia		720	720			
Latvia		240	240			
Lithuania		960	960			
Moldova		480	480			
Poland		5'040	5'040			
Romania	384	5'760	6'144	384	3'840	4'224
Russia		23'592	23'592		1'440	1'440
Serbia	297	480	777		240	240
Slovakia		240	240		240	240
Slovenia		1'680	1'680		960	960
Ukraine		9'600	9'600		240	240
Europe, East	**681**	**64'824**	**65'505**	**384**	**7'440**	**7'824**
Turkey	2'340	72'744	75'084		17'520	17'520
Europe, Other	**2'340**	**72'744**	**75'084**		**17'520**	**17'520**
Europe	**7'796**	**160'312**	**168'108**	**1'308**	**26'640**	**27'948**

Weaving Machinery — List of Participating Companies

Country	Company	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
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
Chinese Taipei	Ich Ching	x	x	x	x	-	-	-	-	-	-
	Kiang Chie	-	-	-	-	-	-	-	-	-	-
	Yiin Chuen	x	x	-	-	-	-	-	-	-	-
Czech Rep.	Zbrojovka (for IPEK/Trustfin)	x	x	x	x	-	-	-	-	-	-
	VUTS	x	x	x	x	x	x	x	x	x	x
Germany	Dornier	x	x	x	x	x	x	x	x	x	x
India	Aalidhra Textile Engineers	-	-	-	-	-	-	-	-	-	x
	Lakshmi	x	x	x	-	-	-	-	-	-	-
	Laxmi Shuttleess Looms	-	-	-	-	x	x	-	-	-	x
	Laxmi Tex Stores	-	-	-	x	x	x	-	x	x	x
	Priyalaxmi Machinery	-	-	-	-	-	-	-	-	-	x
	Weavetech	-	-	-	x	-	-	x	x	x	x
Indonesia	Texmaco Perkasa	-	x	-	-	-	-	-	-	-	-
Italy	Panter	x	x	x	x	-	-	-	-	-	-
	ITEMA (for. Promatech)	x	x	x	x	x	x	x	x	x	x
	SMIT Textile	x	x	x	x	x	-	-	x	-	-
Japan	Hiraiwa	x	x	x	-	-	-	-	-	-	-
	Hirano	x	x	-	-	-	-	-	-	-	-
	Howa	x	-	-	-	-	-	-	-	-	-
	Ishikawa Seisakusho	x	x	-	x	x	-	-	-	-	-
	Toyota	x	x	x	x	x	x	x	x	x	x
	Tsudakoma	x	x	x	x	x	x	x	x	x	x
Korea	Textec	x	-	-	-	-	-	-	-	-	-
Pakistan	Pakistan Engineering	x	x	-	-	-	-	-	-	-	-
Spain	Sapa	x	x	x	-	-	-	-	-	-	-
Switzerland	ITEMA (former Sultex)	x	x	x	x	x	x	x	x	x	x

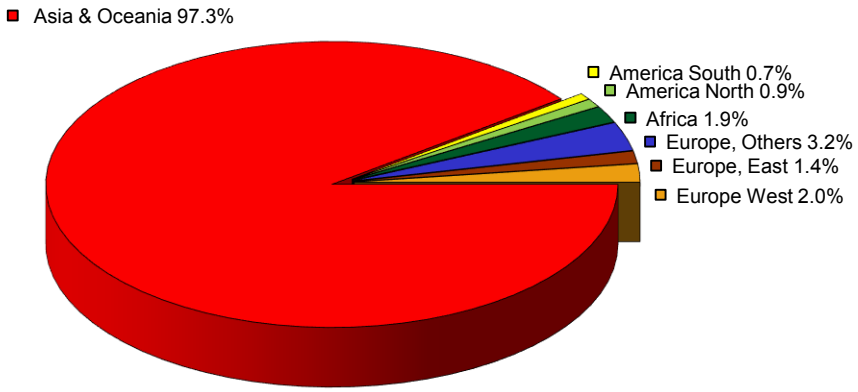


Fig. 11: Shipments 2014
total recorded: 71,667 shuttle-less looms

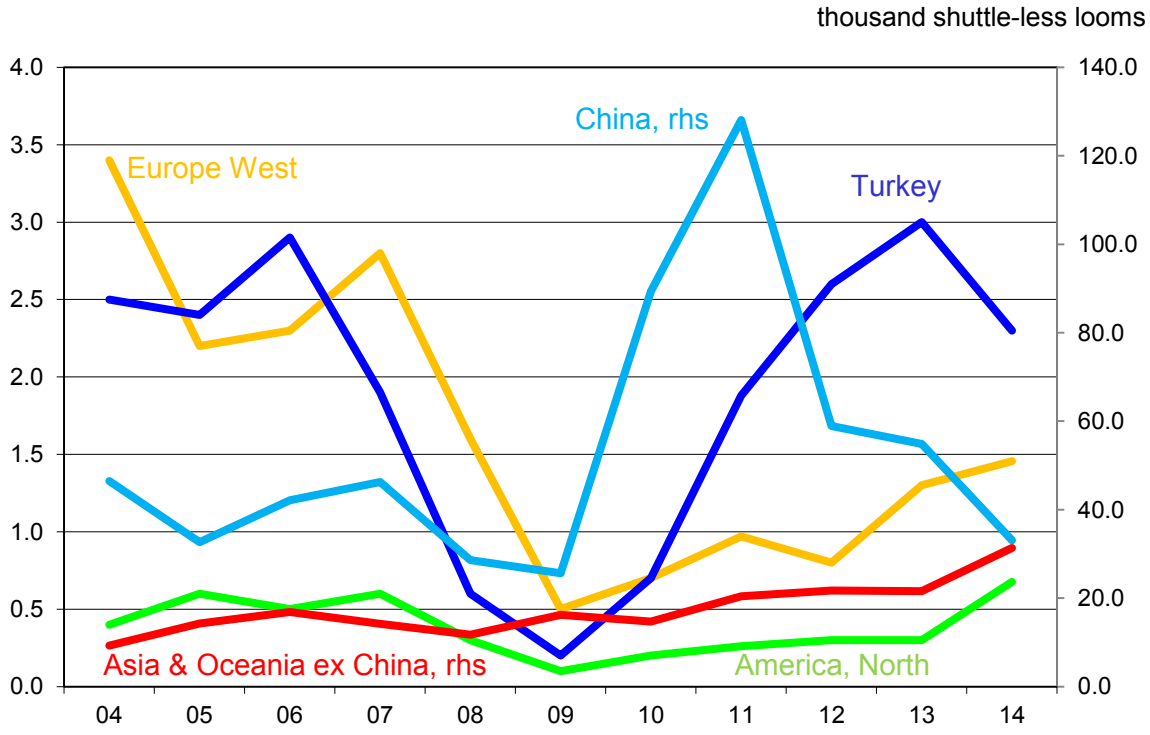


Fig. 12: Recorded Shipments 2004 – 2014
total recorded: 778,837 shuttle-less looms

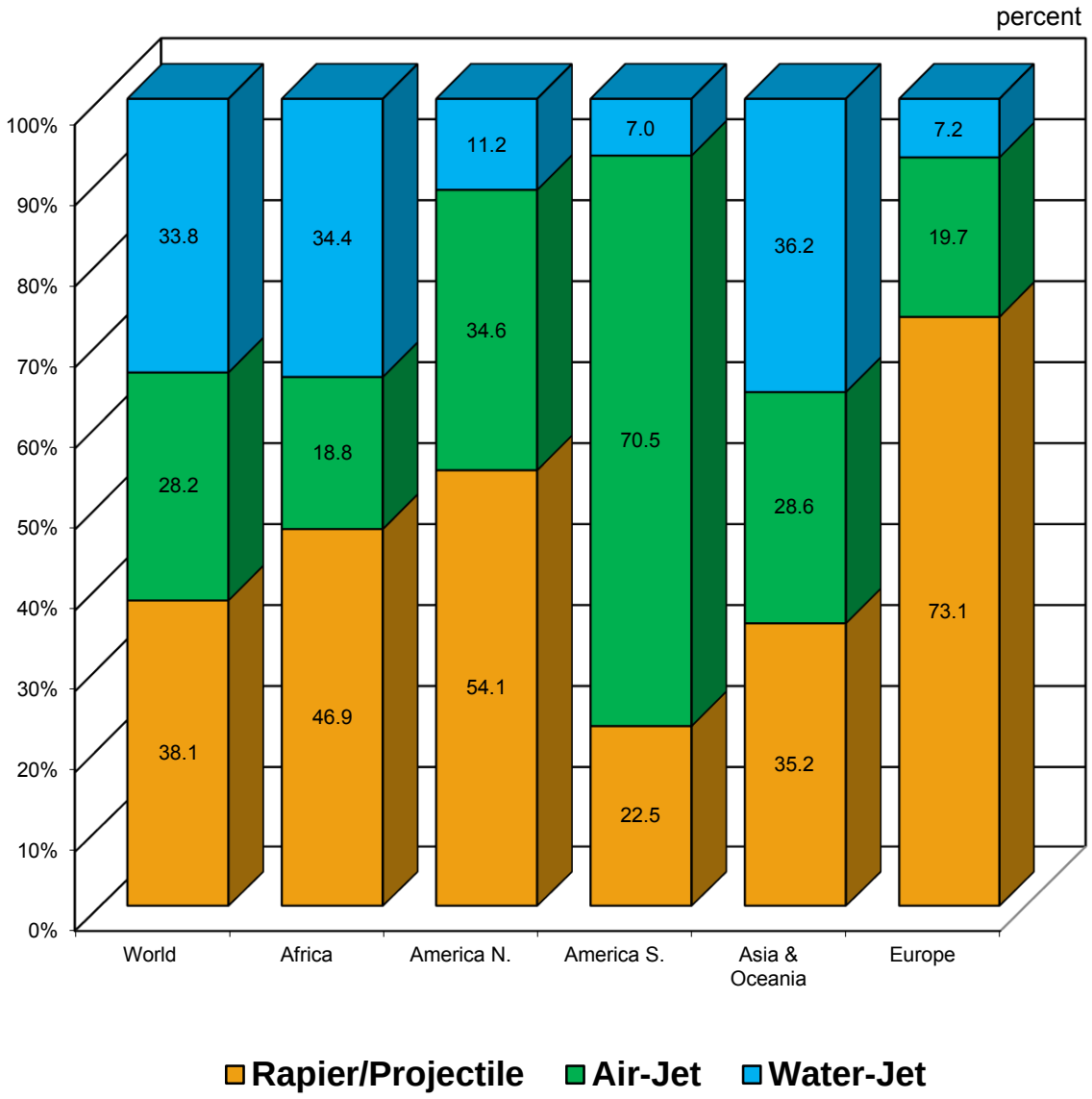


Fig. 13: Percentage Distribution of Shipments 2014

Table 3.1: Summary

Continent (destination)	2013 Installed Weaving Capacities (a)				Cummulative Shipments 2005-2014	
	Looms Primarily for Weaving Yarns Spun on the Cotton System		Filament Weaving Looms (b)	Wool Weaving Looms (c)	Shuttle-Less Looms	Shuttle Looms
	Shuttle-Less	Shuttle				
Africa	12'845	57'620	1'420	1'570	6'398	
America, North	50'590	49'400	10'718	2'740	3'930	
America, South	62'480	71'400		21'170	7'985	
Asia & Oceania	1'020'637	1'285'561	441'930	46'950	722'565	14'139
Europe, East	109'368	9'024	19'317	14'800	4'976	
Europe, Others	45'000	20'000	3'000	6'250	18'471	100
Europe, West	31'725	5'806	19'508	28'065	14'510	34
Not Specified					2	
World	**1'332'645**	**1'498'811**	**495'893**	**121'545**	**778'837**	**14'273**

Notes to Tables

a Automatic and non-automatic looms, 75 cm or wider, installed in mills
b Looms for weaving filament/silk (note that for several countries such data are not available). A number of figures are based on estimates.

c Due to a less systematic reporting system, the data for capacities in the long-staple (wool) sector are in most cases effectively rough estimates.
d Filament weaving looms included

e In addition, there are approx. 30,000 powerlooms and over 500,000 handlooms in the non-mill sector.
f Data quoted are for the mill industry only. In addition, in 2013/14, there were approx. 2.367 million powerlooms in the decentralized sector, of which some 50,000 were of the shuttle-less type. Furthermore, 2009/10 there were approx. 2.30 million handlooms in the handloom sector.
g In addition, there are approx. 20,000 handlooms in the non-mill sector.
h In addition, there are approx. 30,000 handlooms in the non-mill sector.
i In addition, there are approx. 70,000 handlooms in the non-mill sector.
j In addition, there are approx. 200,000 powerlooms and 80,000 handlooms in the non-mill sector.
k The figures for shuttle-less and shuttle looms exclude 5,278 towel looms.
l SWAK members only

Table 3.1: Summary (continued)

Continent (destination)	Shipments 2014				
	Shuttle-Less Looms				Shuttle Looms
	Rapier/Projectile	Air-Jet	Water-Jet	Total	
Africa	629	252	461	1'342	
America, North	366	234	76	676	
America, South	119	372	37	528	
Asia & Oceania	22'671	18'378	23'301	64'350	361
Europe, East	564	334	94	992	
Europe, Others	1'929	161	233	2'323	
Europe, West	993	445	18	1'456	
World	**27'271**	**20'176**	**24'220**	**71'667**	**361**

Table 3.2: Africa

Country (destination)	2013 Installed Weaving Capacities (a)				Cummulative Shipments 2005-2014	
	Looms Primarily for Weaving Yarns Spun on the Cotton System		Filament Weaving Looms (b)	Wool Weaving Looms (c)	Shuttle-Less Looms	Shuttle Looms
	Shuttle-Less	Shuttle				
Algeria	2'100	8'000			247	
Angola		800			174	
Benin		2'000				
Botswana	180					
Cameroon	200	1'000			36	
Chad		250				
Djibouti					372	
Egypt	2'472	1'460		1'230	2'738	
Eritrea	40	260			26	
Ethiopia	500	2'500			470	
Ghana		3'500			78	
Ivory Coast	55	2'000			10	
Kenya	140	400			38	
Lesotho	40				49	
Libya					8	
Madagascar	88				22	
Malawi	100	500				
Mali		1'000				
Mauritius	600				153	
Morocco	2'100	4'000			702	
Mozambique		2'500			120	
Nigeria	2'300	5'000			210	
Senegal	150	500				
South Africa	440	300	1'420	340	249	
Sudan		10'000			374	
Swaziland	110					
Tanzania	150	5'000			35	
Togo					23	
Tunisia	255	1'850			153	
Uganda		1'000			84	
Zaire	160	2'500				
Zambia	160	1'000				
Zimbabwe	505	300			27	
Africa	**12'845**	**57'620**	**1'420**	**1'570**	**6'398**	

Footnote on page 27

Table 3.2: Africa (continued)

Country (destination)	Shipments 2014				
	Shuttle-Less Looms				Shuttle Looms
	Rapier/Projectile	Air-Jet	Water-Jet	Total	
Algeria	178			178	
Angola	60	114		174	
Cameroon	36			36	
Djibouti	54		195	249	
Egypt	92	44	146	282	
Ethiopia	22	64		86	
Ghana	78			78	
Ivory Coast		6		6	
Kenya	3			3	
Libya	1			1	
Madagascar	22			22	
Mauritius	13			13	
Morocco	19			19	
Mozambique			120	120	
Nigeria	24			24	
South Africa	6	4		10	
Sudan		20		20	
Tanzania	6			6	
Togo	11			11	
Tunisia	4			4	
Africa	**629**	**252**	**461**	**1'342**	

Table 3.3: The Americas

Country (destination)	2013 Installed Weaving Capacities (a)				Cummulative Shipments 2005-2014	
	Looms Primarily for Weaving Yarns Spun on the Cotton System		Filament Weaving Looms (b)	Wool Weaving Looms (c)	Shuttle-Less Looms	Shuttle Looms
	Shuttle-Less	Shuttle				
Canada	3'000			350	133	
Costa Rica	100	1'000				
Cuba	4'000	5'000			8	
Dominican Rep.	150	500				
El Salvador	200	3'000			53	
Guatemala	890	3'000			122	
Mexico	14'500	35'000		1'150	1'167	
Nicaragua	150	500			140	
Panama					3	
Puerto Rico					46	
U.S.A.[d]	27'600	1'400	10'718	1'240	2'258	
America, North	**50'590**	**49'400**	**10'718**	**2'740**	**3'930**	
Argentina	6'500	17'500		5'400	531	
Bolivia	100	1'000			20	
Brazil	46'000	25'500		15'000	5'861	
Chile	800	8'000			64	
Colombia	4'000	8'500			620	
Ecuador	600	400			331	
Paraguay	100					
Peru	1'350	5'000			390	
Uruguay	530	500		770	16	
Venezuela	2'500	5'000			152	
America, South	**62'480**	**71'400**		**21'170**	**7'985**	
The Americas	**113'070**	**120'800**	**10'718**	**23'910**	**11'915**	

Footnote on page 27

Table 3.3: The Americas (continued)

Country (destination)	Shipments 2014				
	Shuttle-Less Looms				Shuttle Looms
	Rapier/Projectile	Air-Jet	Water-Jet	Total	
Canada		24		24	
El Salvador	5	5		10	
Mexico	192	127		319	
Panama	3			3	
U.S.A.	166	78	76	320	
America, North	**366**	**234**	**76**	**676**	
Argentina	15	28		43	
Brazil	36	270	21	327	
Chile	8			8	
Colombia	32		16	48	
Ecuador	8	2		10	
Peru	20	72		92	
America, South	**119**	**372**	**37**	**528**	
The Americas	**485**	**606**	**113**	**1'204**	

Table 3.4: Asia & Oceania

Country (destination)	2013 Installed Weaving Capacities (a)				Cummulative Shipments 2005-2014	
	Looms Primarily for Weaving Yarns Spun on the Cotton System		Filament Weaving Looms (b)	Wool Weaving Looms (c)	Shuttle-Less Looms	Shuttle Looms
	Shuttle-Less	Shuttle				
Afghanistan						2
Australia	850			300	67	
Bahrain	420				219	
Bangladesh[e]	26'807	17'326			37'033	
Brunei					6	
Cambodia					28	
China	740'000	550'000	197'126	24'000	539'476	10'446
Chinese Taipei	20'126	459	18'244	620	5'839	
Hong Kong, China	8'000	1'000			940	
India[f]	20'838	45'748	1'500	7'300	72'251	3'617
Indonesia[g]	56'482	196'598	34'000		20'399	60
Iran	10'000	12'500			1'216	
Yemen					24	6
Iraq	2'000	3'500			157	
Israel					57	
Japan[h]	3'963	1'980	48'680	13'380	4'591	
Jordan	50			50	37	
Kazakhstan	400				308	
Kirghizstan	1'550	960			43	
Korea, P.R.					309	
Korea, Rep.[i]	262		42'030	880	8'812	
Kuwait					67	
Lebanon					26	
Macau					68	
Malaysia	799	1'200			818	
Mongolia					19	
Myanmar		5'000			132	
Nepal[j]		1'000			60	6
New Zealand					64	
Pakistan[k]	28'100	369'000	50'000		12'284	
Philippines	2'500	7'000			371	
Quatar					31	
Saudi Arabia	450				989	
Singapore					199	
Sri Lanka	1'200	2'700	350		175	
Syria	2'700	300		420	1'397	
Tadzhikistan	4'600	2'200			47	
Thailand	78'140	52'090	50'000		3'410	2
Turkmenistan	1'000				613	
U.A. Emirates	500				455	
Uzbekistan	2'100				506	
Vietnam[l]	6'800	15'000			9'022	
Asia & Oceania	**1'020'637**	**1'285'561**	**441'930**	**46'950**	**722'565**	**14'139**

Footnote on page 27

Table 3.4: Asia & Oceania (continued)

Country (destination)	Shipments 2014				
	Shuttle-Less Looms				Shuttle Looms
	Rapier/Projectile	Air-Jet	Water-Jet	Total	
Bahrain	39			39	
Bangladesh	4'945	465		5'410	
Brunei	6			6	
China	5'994	11'417	15'638	33'049	
Chinese Taipei	164	68	338	570	
Hong Kong, China	60			60	
India	8'043	2'678	5'486	16'207	359
Indonesia	1'099	1'024	265	2'388	
Iran	180	15		195	
Japan	100	213	223	536	
Jordan	6			6	
Kazakhstan	1			1	
Korea, P.R.	13	20	40	73	
Korea, Rep.	147	159	663	969	
Kuwait	13			13	
Lebanon	1			1	
Malaysia	63	67	71	201	
Mongolia	6			6	
Myanmar	13			13	
Nepal	16			16	
New Zealand	30			30	
Pakistan	45	1'275	306	1'626	
Philippines	48	47	55	150	
Quatar	3			3	
Saudi Arabia	12			12	
Singapore	47		2	49	
Sri Lanka	26	31		57	
Syria	1			1	
Tadzhikistan	1			1	
Thailand	106	305	2	413	2
Turkmenistan	3	1		4	
U.A. Emirates	64			64	
Uzbekistan	130	73		203	
Vietnam	1'245	520	212	1'977	
Yemen	1			1	
Asia & Oceania	**22'671**	**18'378**	**23'301**	**64'350**	**361**

Table 3.5: Europe

Country (destination)	2013 Installed Weaving Capacities (a)				Cummulative Shipments 2005-2014	
	Looms Primarily for Weaving Yarns Spun on the Cotton System		Filament Weaving Looms (b)	Wool Weaving Looms (c)	Shuttle-Less Looms	Shuttle Looms
	Shuttle-Less	Shuttle				
Austria	700			170	212	
Belgium	3'720	372	868	45	739	
Denmark					18	
Finland					14	
France	2'000	130	4'500	1'350	1'159	
Germany	1'600	400	3'100	1'000	2'278	
Greece	55	1'950		1'000	94	
Ireland					14	
Italy	7'000	1'334	4'800	16'700	7'163	34
Luxembourg					3	
Netherlands	1'200			290	70	
Norway					17	
Portugal	9'050	1'500		1'550	923	
Spain	2'800		3'430	4'250	923	
Sweden					21	
Switzerland	600	20	810	160	437	
U.K.	3'000	100	2'000	1'550	425	
Europe, West	**31'725**	**5'806**	**19'508**	**28'065**	**14'510**	**34**
Albania		2'000			7	
Armenia	5'000				1	
Azerbaijan	3'000				241	
Belarus	1'580				515	
Bosnia & Herz.		1'000			1	
Bulgaria	6'000				168	
Croatia	118	24			44	
Czech Republic	4'400		1'917		1'071	
Estonia	3'700				118	
Georgia	1'000				1	
Hungary	240				54	
Latvia	250				148	
Lithuania	2'110	400			52	
Macedonia		1'200			42	
Moldova	1'870				193	
Poland	950	1'400		800	319	
Romania	5'000	1'000	6'700	4'000	708	
Russia	55'900	2'000	10'000	10'000	1'036	
Serbia					34	
Slovakia	140		700		67	
Slovenia	110				52	
Ukraine	18'000				104	
Europe, East	**109'368**	**9'024**	**19'317**	**14'800**	**4'976**	
Turkey	45'000	20'000	3'000	6'250	18'471	100
Europe, Other	**45'000**	**20'000**	**3'000**	**6'250**	**18'471**	**100**
Europe	**186'093**	**34'830**	**41'825**	**49'115**	**37'957**	**134**

Table 3.5: Europe (continued)

Country (destination)	Shipments 2014				
	Shuttle-Less Looms				Shuttle Looms
	Rapier/Projectile	Air-Jet	Water-Jet	Total	
Austria	13	14		27	
Belgium	49	9	15	73	
Denmark	3	2		5	
France	93	62		155	
Germany	89	93	2	184	
Greece	6			6	
Italy	476	154		630	
Netherlands	1	1		2	
Norway	2			2	
Portugal	110	26		136	
Spain	83	70		153	
Sweden	4			4	
Switzerland	5	4		9	
U.K.	59	10	1	70	
Europe, West	**993**	**445**	**18**	**1'456**	
Armenia	1			1	
Azerbaijan	33	80		113	
Belarus	63	58		121	
Bosnia & Herz.	1			1	
Bulgaria	42	2		44	
Czech Republic	92	38	22	152	
Georgia	1			1	
Hungary	19	1		20	
Latvia	13	22		35	
Lithuania	19			19	
Poland	10	20		30	
Romania	156		64	220	
Russia	79	107	8	194	
Slovakia	6	6		12	
Slovenia	27			27	
Ukraine	2			2	
Europe, East	**564**	**334**	**94**	**992**	
Turkey	1'929	161	233	2'323	
Europe, Other	**1'929**	**161**	**233**	**2'323**	
Europe	**3'486**	**940**	**345**	**4'771**	

Footnote on page 27

Circular Knitting Machinery List of Participating Companies

Country	Company	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
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	x	x	x	x
	Pai Lung	x	x	x	x	x	x	x	x	x	x
	Shin Ta	x	x	x	x	-	-	-	-	-	-
	San Da	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
India	Lakshmi	x	x	x	x	x	-	-	-	-	-
Italy	Orizio	x	x	x	x	x	x	x	x	x	x
	Pilotelli	x	x	x	x	x	x	x	x	x	x
	Santoni (former Vignoni)	-	x	x	x	x	x	x	x	x	x
Japan	Fukuhara	x	x	x	x	x	x	x	x	x	x
Korea Rep.	Chang Dae	-	-	-	x	x	-	-	-	-	-
	Keum Yong	x	x	-	x	x	x	x	x	x	x
	Ssang Yong	x	x	-	x	x	x	-	-	-	-
Singapore	Falmac	x	-	-	-	-	-	-	-	-	-
	Unitex	x	x	x	-	x	x	x	x	x	-
Spain	Gumatex (former Jumberca)	x	x	x	-	-	-	-	-	-	-
U. K.	Bentley UK	-	-	-	-	-	-	-	-	-	-
	Monarch	x	x	x	x	x	x	x	x	x	x
U.S.A.	Mayer Industries	x	-	x	-	-	-	-	-	-	-
	Monarch / Vanguard	x	x	x	x	x	x	x	x	x	x

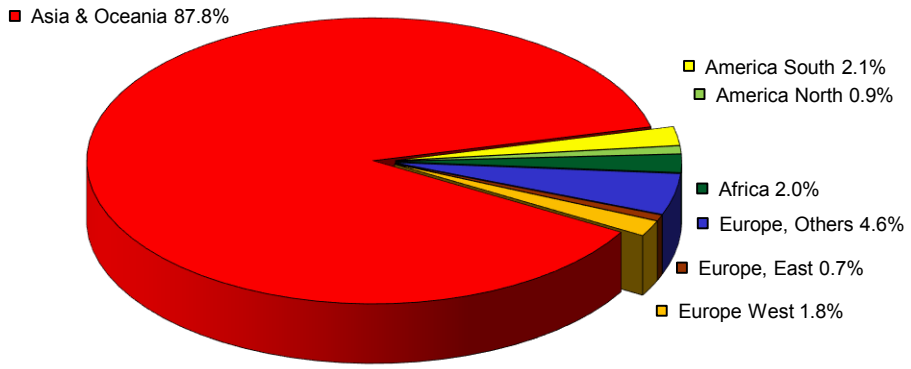


Fig. 14: Shipments 2014
total recorded: 28,502

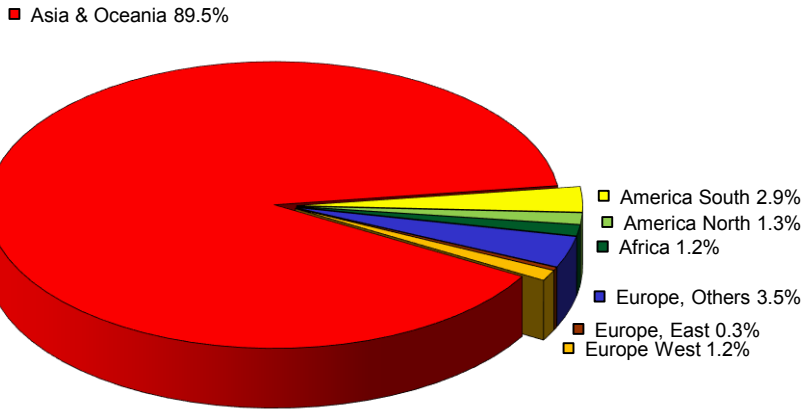


Fig. 15: Cumulative Shipments 2005 – 2014
total recorded: 298,229

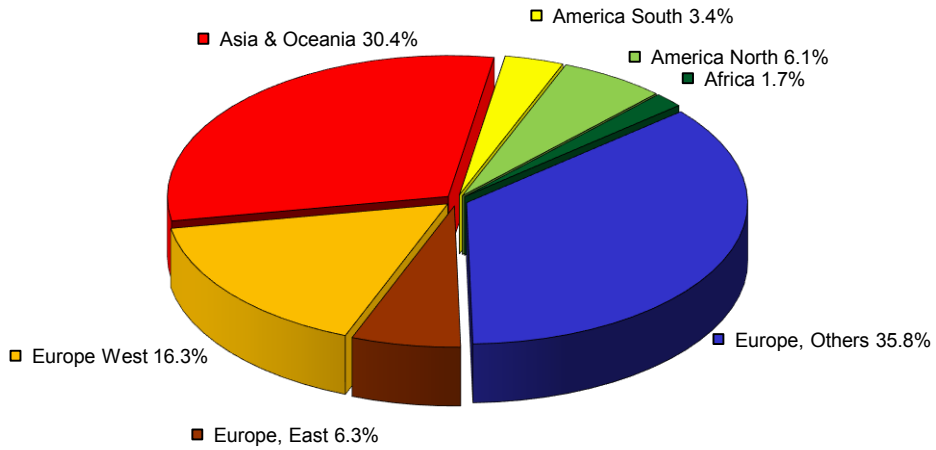


Fig. 16: Shipments 2014
total recorded: 589

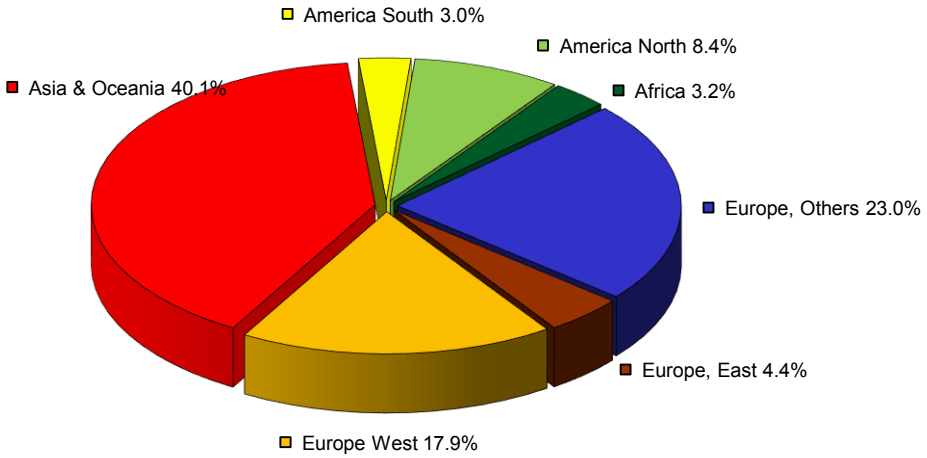


Fig. 17: Cumulative Shipments 2005 – 2014
total recorded: 4,489

Table 4.1: Summary

Continent (destination)	Cummulative Shipment of Large (over 165mm) Circular Knitting Machines 2005-2014					
	Single		Double		Total *	* of which with Electronic Needle Selection (Jacquard)
	Up to 24"	26" or over	Up to 24"	26" or over		
Africa	310	1'927	169	1'269	3'675	143
America, North	922	1'324	396	1'210	3'852	379
America, South	180	6'259	175	1'889	8'503	133
Asia & Oceania	31'241	113'843	27'401	94'245	266'730	1'800
Europe, East	54	497	55	407	1'013	199
Europe, Others	368	6'517	336	3'287	10'508	1'033
Europe, West	110	1'824	125	1'565	3'624	802
Not Specified	23	191	34	76	324	
World	**33'208**	**132'382**	**28'691**	**103'948**	**298'229**	**4'489**

Table 4.1: Summary (continued)

Continent (destination)	Shipment of Large (over 165mm) Circular Knitting Machines 2014					
	Single		Double		Total *	* of which with Electronic Needle Selection (Jacquard)
	Up to 24"	26" or over	Up to 24"	26" or over		
Africa	43	227	6	306	582	10
America, North	3	62	24	163	252	36
America, South	20	310	2	272	604	20
Asia & Oceania	2'054	6'138	244	16'603	25'039	179
Europe, East	4	90	4	90	188	37
Europe, Others	73	481	43	728	1'325	211
Europe, West	21	171	8	312	512	96
World	**2'218**	**7'479**	**331**	**18'474**	**28'502**	**589**

Table 4.2: Africa

Country (destination)	Cummulative Shipment of Large (over 165mm) Circular Knitting Machines 2005-2014					
	Single		Double		Total *	* of which with Electronic Needle Selection (Jacquard)
	Up to 24"	26" or over	Up to 24"	26" or over		
Algeria	14	11	2	42	69	
Botswana	5	10	4	11	30	
Cameroon	1	2	2	3	8	
Djibouti	3	16		24	43	
Egypt	150	1'091	77	545	1'863	33
Ethiopia	3	54	2	24	83	
Ghana	3	9	5	9	26	
Ivory Coast	6		1		7	
Kenya	22	25	2	26	75	
Libya	2	5	3	5	15	
Madagascar		5		4	9	
Mauritius	9	281	7	170	467	91
Morocco	26	192	26	175	419	4
Nigeria	16	9	9	21	55	
Senegal	1	1	1	1	4	
South Africa	7	92	3	68	170	12
Sudan		2	1	6	9	2
Tanzania	33	53	6	75	167	
Tunisia	3	58	18	45	124	3
Uganda		2		1	3	
Zambia	2	4		14	20	
Zimbabwe	4	5			9	
Africa	**310**	**1'927**	**169**	**1'269**	**3'675**	**145**

Table 4.2: Africa (continued)

Country (destination)	Shipment of Large (over 165mm) Circular Knitting Machines 2014					
	Single		Double		Total *	* of which with Electronic Needle Selection (Jacquard)
	Up to 24"	26" or over	Up to 24"	26" or over		
Algeria	13	10	1	42	66	
Djibouti	2	4		17	23	
Egypt	7	115	4	84	210	8
Ethiopia	1	21		11	33	
Kenya	4	1		5	10	
Mauritius		34		24	58	
Morocco	4	10		42	56	
South Africa	2	15		22	39	2
Tanzania	7	10	1	41	59	
Tunisia		2		4	6	
Zambia	2	4		14	20	
Zimbabwe	1	1			2	
Africa	**43**	**227**	**6**	**306**	**582**	**10**

Table 4.3: The Americas

Country (destination)	Cummulative Shipment of Large (over 165mm) Circular Knitting Machines 2005-2014					
	Single		Double		Total *	* of which with Electronic Needle Selection (Jacquard)
	Up to 24"	26" or over	Up to 24"	26" or over		
Canada	26	18	1	55	100	48
Costa Rica		3			3	
Dominican Rep.	142	3	29	71	245	
El Salvador	5	121		61	187	3
Guatemala	8	105	3	69	185	
Honduras	350	128	95	118	691	
Mexico	43	398	27	295	763	50
Panama		3		2	5	
U.S.A.	348	545	241	539	1'673	278
America, North	**922**	**1'324**	**396**	**1'210**	**3'852**	**379**
Argentina	16	757	13	264	1'050	6
Bolivia		6	1	3	10	
Brazil	74	4'207	85	1'097	5'463	91
Chile	1	16		17	34	
Colombia	29	524	15	171	739	27
Ecuador	4	82	5	55	146	
Paraguay		15		1	16	
Peru	28	567	26	237	858	6
Uruguay		7			7	
Venezuela	28	78	30	44	180	3
America, South	**180**	**6'259**	**175**	**1'889**	**8'503**	**133**
The Americas	**1'102**	**7'583**	**571**	**3'099**	**12'355**	**512**

Table 4.3: The Americas (continued)

Country (destination)	Shipment of Large (over 165mm) Circular Knitting Machines 2014					
	Single		Double		Total *	* of which with Electronic Needle Selection (Jacquard)
	Up to 24"	26" or over	Up to 24"	26" or over		
Canada				8	8	7
El Salvador		2		1	3	
Guatemala		8		8	16	
Honduras		5	21	54	80	
Mexico	2	22		44	68	12
U.S.A.	1	25	3	48	77	17
America, North	**3**	**62**	**24**	**163**	**252**	**36**
Argentina	5	44	1	46	96	
Brazil	7	160	1	117	285	14
Chile	1	3		7	11	
Colombia	3	64		52	119	6
Ecuador	1	8		15	24	
Peru	3	31		32	66	
Venezuela				3	3	
America, South	**20**	**310**	**2**	**272**	**604**	**20**
The Americas	**23**	**372**	**26**	**435**	**856**	**56**

Table 4.4: Asia & Oceania

Country (destination)	Cummulative Shipment of Large (over 165mm) Circular Knitting Machines 2005-2014					
	Single		Double		Total *	* of which with Electronic Needle Selection (Jacquard)
	Up to 24"	26" or over	Up to 24"	26" or over		
Afghanistan		1			1	
Australia	3	14	13	17	47	15
Bangladesh	1'445	5'845	428	2'787	10'505	108
Cambodia	29	90	24	101	244	
China	25'636	86'578	24'041	76'144	212'399	632
Chinese Taipei	216	1'133	189	1'058	2'596	194
Dubai		1		2	3	
Hong Kong, China	84	334	88	331	837	30
India	1'760	6'132	932	4'664	13'488	106
Indonesia	237	4'319	287	1'868	6'711	148
Iran	35	554	44	428	1'061	73
Iraq	5	2	16	2	25	
Israel	1	45	1	6	53	2
Japan	10	160	38	412	620	56
Jordan	3	7	1	9	20	
Kazakhstan	3	10	4	7	24	1
Kirghizstan	2	3	2	4	11	
Korea, P.R.	21	47	18	65	151	
Korea, Rep.	154	2'399	78	1'214	3'845	187
Lebanon	1	2	1	2	6	
Macau	414	621	506	759	2'300	
Malaysia	20	443	16	125	604	8
Myanmar	19	81	9	93	202	
Nepal	5	5	3	1	14	
New Zealand		4	1	4	9	2
Pakistan	115	649	37	291	1'092	56
Papua New Guinea	3	5	4	7	19	
Philippines	170	218	18	76	482	13
Singapore	130	412	120	419	1'081	
Sri Lanka	22	111	18	82	233	
Syria	77	467	69	236	849	6
Tadzhikistan		3		3	6	
Thailand	250	968	152	1'125	2'495	139
Turkmenistan	6	16	7	13	42	
U.A. Emirates	38	92	35	299	464	
Uzbekistan	75	571	40	382	1'068	3
Vietnam	250	1'497	161	1'195	3'103	21
Yemen	2	4		14	20	
Asia & Oceania	**31'241**	**113'843**	**27'401**	**94'245**	**266'730**	**1'800**

Table 4.4: Asia & Oceania (continued)

Country (destination)	Shipment of Large (over 165mm) Circular Knitting Machines 2014					
	Single		Double		Total *	* of which with Electronic Needle Selection (Jacquard)
	Up to 24"	26" or over	Up to 24"	26" or over		
Australia		2			2	
Bangladesh	65	454	5	427	951	
Cambodia	4	8		31	43	
China	1'500	3'398	164	11'895	16'957	32
Chinese Taipei	24	85	6	244	359	44
Hong Kong, China	14	31	2	114	161	
India	161	840	19	1'444	2'464	4
Indonesia	56	268	16	457	797	12
Iran	8	53	2	88	151	3
Israel		1		1	2	
Japan	1	38	6	46	91	16
Jordan		1		4	5	
Korea, P.R.	4	7		28	39	
Korea, Rep.	25	154	3	331	513	57
Malaysia	1	88		12	101	
Myanmar	6	11	1	45	63	
Nepal				1	1	
New Zealand		1			1	
Pakistan	16	78	2	121	217	
Philippines	13	32	3	39	87	
Singapore	14	28	2	110	154	
Sri Lanka	4	12		35	51	
Syria	1	5		4	10	
Thailand	23	31	1	101	156	9
U.A. Emirates	36	72	4	287	399	
Uzbekistan	19	67	2	157	245	1
Vietnam	57	369	6	567	999	1
Yemen	2	4		14	20	
Asia & Oceania	**2'054**	**6'138**	**244**	**16'603**	**25'039**	**179**

Table 4.5: Europe

Country (destination)	Cummulative Shipment of Large (over 165mm) Circular Knitting Machines 2005-2014					
	Single		Double		Total *	* of which with Electronic Needle Selection (Jacquard)
	Up to 24"	26" or over	Up to 24"	26" or over		
Austria	1	87		41	129	6
Belgium	1	16		170	187	155
Denmark		3		40	43	22
France		127	7	63	197	44
Germany	44	292	50	258	644	119
Greece	1	88	1	27	117	11
Ireland		4	3	4	11	
Italy	54	598	40	533	1'225	215
Netherlands		7		22	29	15
Norway			1	1	2	
Portugal	1	370	5	144	520	90
Spain	6	122	14	169	311	104
Sweden		4	1	2	7	
Switzerland		10		1	11	
U.K.	2	96	3	90	191	21
Europe, West	**110**	**1'824**	**125**	**1'565**	**3'624**	**802**
Azerbaijan		15		2	17	
Belarus		33		10	43	
Bosnia & Herz.			11		11	
Bulgaria	1	19	1	9	30	2
Croatia	10	2	12	1	25	
Czech Republic		4	8	19	31	7
Estonia				12	12	4
Latvia		2		1	3	1
Lithuania		14		9	23	7
Macedonia		1			1	
Poland	7	169		109	285	76
Romania		16	7	44	67	33
Russia	34	189	14	119	356	18
Serbia		2			2	
Slovakia		4		58	62	49
Slovenia		3		2	5	2
Ukraine	2	24	2	12	40	
Europe, East	**54**	**497**	**55**	**407**	**1'013**	**199**
Turkey	368	6'517	336	3'287	10'508	1'033
Europe, Other	**368**	**6'517**	**336**	**3'287**	**10'508**	**1'033**
Europe	**532**	**8'838**	**516**	**5'259**	**15'145**	**2'034**

Table 4.5: Europe (continued)

Country (destination)	Shipments 2014				
	Hand-knitting and Semi-automatic Machines	Electronic Machines			Trimming Machines
		Flatbed up to 70"	Flatbed70" or over	Flatbed Total	
Austria		1		1	
Belgium		174	12	186	
Denmark		1	2	3	
France		38	12	50	
Germany		100	38	138	
Greece		4	1	5	
Italy		855	84	939	
Monaco		1	2	3	
Netherlands		13	1	14	
Norway		1	1	2	
Portugal		19	2	21	
Spain		91	12	103	
Sweden		6	2	8	
Switzerland		32	3	35	
U.K.		95	8	103	
Europe, West		**1'431**	**180**	**1'611**	
Azerbaijan		18	2	20	
Belarus		4		4	
Bulgaria		2		2	
Czech Republic		1	1	2	
Georgia		18	2	20	
Hungary		2		2	
Latvia		1	1	2	
Lithuania		10		10	
Poland		26	7	33	
Romania		41	24	65	
Russia		800	80	880	
Slovakia		1		1	
Ukraine		42	4	46	
Europe, East		**966**	**121**	**1'087**	
Turkey		1'824	55	1'879	3
Europe, Other		**1'824**	**55**	**1'879**	**3**
Europe		**4'221**	**356**	**4'577**	**3**

Flat Knitting Machinery — List of Participating Companies

Country	Company	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
China	(All Chinese Manufacturers)	x	x	x	x	x	x	x	x	x	x
Chinese Taipei	Sheng Meei	x	x	x	-	-	-	-	-	-	-
	Pai Lung	-	-	-	-	-	-	x	x	x	x
Germany	Stoll	x	x	x	x	x	x	x	x	x	x
Japan	Matsuya	-	-	-	-	-	-	-	-	-	-
	Shima Seiki	x	x	x	x	x	x	x	x	x	x
Switzerland	Steiger	-	x	x	x	x	x	x	x	x	x

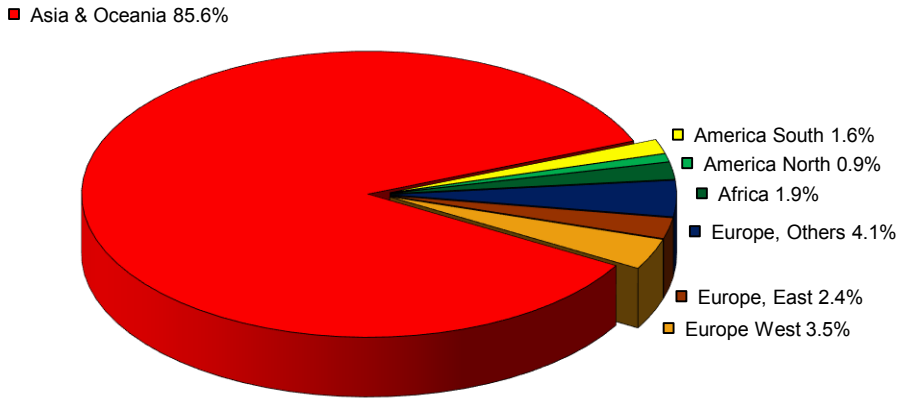


Fig. 18: Shipments 2014
total recorded: 46,103

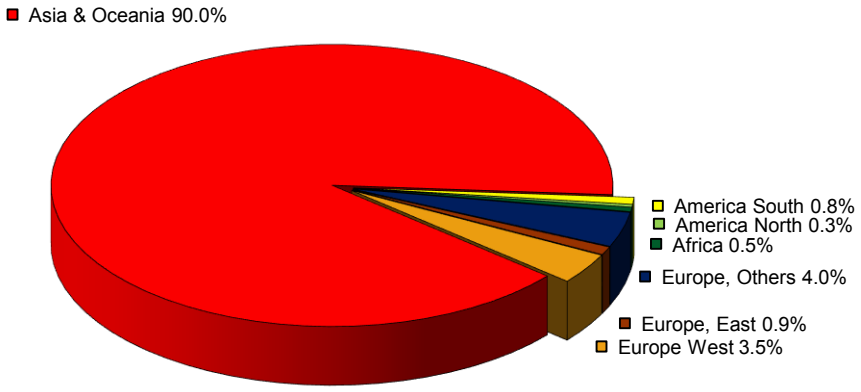


Fig. 19: Cumulative Shipments 2005 - 2014
total recorded: 332,751

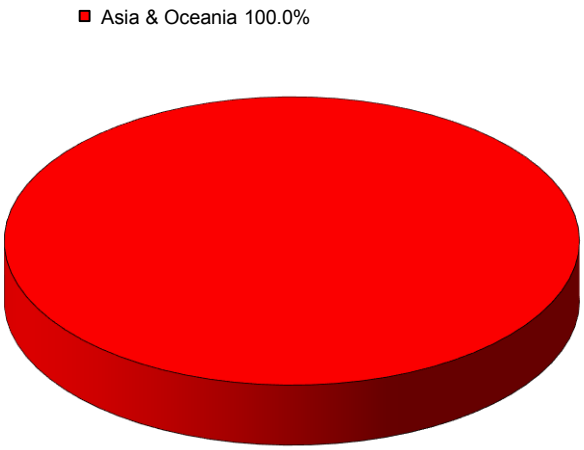


Fig. 20: Shipments 2014
total recorded: 18,346

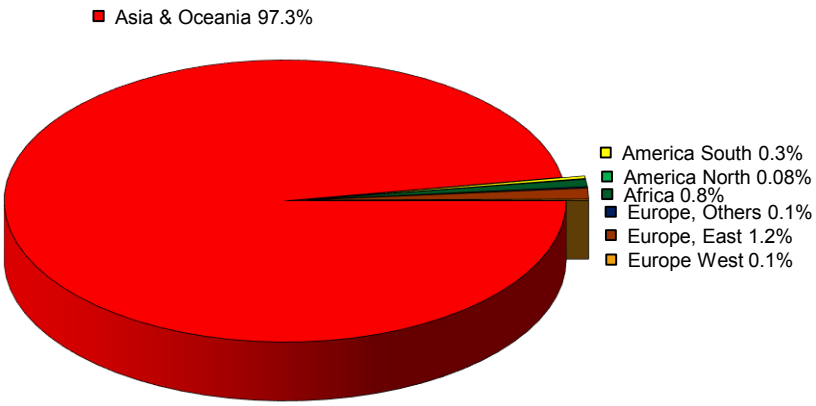


Fig. 21: Cumulative Shipments 2005 - 2014
total recorded: 762,039

Table 5.1: Summary

Continent (destination)	Cummulative Shipments 2005-2014				
	Hand-knitting and Semi-automatic Machines	Electronic Machines			Trimming Machines
		Flatbed up to 70"	Flatbed 70" or over	Flatbed Total	
Africa	6'244	1'542	142	1'684	25
America, North	589	705	288	993	6
America, South	2'259	1'968	689	2'657	36
Asia & Oceania	741'165	282'891	16'416	299'307	15'436
Europe, East	9'365	2'769	326	3'095	1
Europe, Others	997	12'573	700	13'273	8
Europe, West	959	9'752	1'979	11'731	1
Not Specified	461	11		11	
World	**762'039**	**312'211**	**20'540**	**332'751**	**15'513**

Table 5.1: Summary (continued)

Continent (destination)	Shipments 2014				
	Hand-knitting and Semi-automatic Machines	Electronic Machines			Trimming Machines
		Flatbed up to 70"	Flatbed 70" or over	Flatbed Total	
Africa		813	78	891	1
America, North		367	53	420	
America, South		674	76	750	26
Asia & Oceania	18'346	36'645	2'820	39'465	14
Europe, East		966	121	1'087	
Europe, Others		1'824	55	1'879	3
Europe, West		1'431	180	1'611	
World	**18'346**	**42'720**	**3'383**	**46'103**	**44**

Table 5.2: Africa

Country (destination)	Cummulative Shipments 2005-2014				
	Hand-knitting and Semi-automatic Machines	Electronic Machines			Trimming Machines
		Flatbed up to 70"	Flatbed 70" or over	Flatbed Total	
Algeria	6				
Angola		40	5	45	
Botswana	4				
Djibouti	14	4		4	
Egypt	291	193	14	207	10
Eritrea			1	1	
Ethiopia	47	72	7	79	11
Ghana	1				
Kenya	825	404	31	435	
Madagascar	3'146	290	21	311	
Mauritius	1'579	125	12	137	
Morocco	147	170	23	193	1
Nigeria	29	24	3	27	
South Africa	83	128	10	138	3
Tanzania	19	9	2	11	
Tunisia	49	56	10	66	
Uganda	2	23	3	26	
Zambia	2				
Zimbabwe		4		4	
Africa	**6'244**	**1'542**	**142**	**1'684**	**25**

Table 5.2: Africa (continued)

Country (destination)	Shipments 2014				
	Hand-knitting and Semi-automatic Machines	Electroni Machines			Trimming Machines
		Flatbed up to 70"	Flatbed 70" or over	Flatbed Total	
Angola		40	5	45	
Djibouti		2		2	
Egypt		24	1	25	
Ethiopia		67	7	74	
Kenya		281	31	312	
Madagascar		186	21	207	
Mauritius		31	2	33	
South Africa		45	5	50	
Tanzania		6	1	7	
Tunisia		7		7	
Uganda		22	2	24	
Zimbabwe		4		4	
Morocco		78	1	79	1
Nigeria		20	2	22	
Africa		**813**	**78**	**891**	**1**

Table 5.3: The Americas

Country (destination)	Cummulative Shipments 2005-2014				
	Hand-knitting and Semi-automatic Machines	Electronic Machines			Trimming Machines
		Flatbed up to 70"	Flatbed70" or over	Flatbed Total	
Canada		13		13	
Costa Rica	2				
Dominican Rep.		9	1	10	
El Salvador	4	1	15	16	
Guatemala	13	33	4	37	6
Honduras	1				
Mexico	372	418	69	487	
Puerto Rico	39	7		7	
U.S.A.	158	224	199	423	
America, North	**589**	**705**	**288**	**993**	**6**
Argentina	727	317	180	497	5
Bolivia	6	9	5	14	
Brazil	303	1'170	346	1'516	30
Chile	71	95	9	104	
Colombia	20	74	9	83	
Ecuador	36	46	45	91	
Paraguay	6				
Peru	972	240	83	323	1
Uruguay	9	14		14	
Venezuela	109	3	12	15	
America, South	**2'259**	**1'968**	**689**	**2'657**	**36**
The Americas	**2'848**	**2'673**	**977**	**3'650**	**42**

Table 5.3: The Americas (continued)

Country (destination)	Shipments 2014				
	Hand-knitting and Semi-automatic Machines	Electronic Machines			Trimming Machines
		Flatbed up to 70"	Flatbed70" or over	Flatbed Total	
Canada		9		9	
Dominican Rep.		9	1	10	
El Salvador		1		1	
Mexico		307	38	345	
U.S.A.		41	14	55	
America, North		**367**	**53**	**420**	
Argentina		93	14	107	
Bolivia		2		2	
Brazil		298	27	325	26
Chile		79	9	88	
Colombia		68	7	75	
Ecuador		23	5	28	
Peru		109	14	123	
Uruguay		2		2	
America, South		**674**	**76**	**750**	**26**
The Americas		**1'041**	**129**	**1'170**	**26**

Table 5.4: Asia & Oceania

Country (destination)	Cummulative Shipments 2005-2014				
	Hand-knitting and Semi-automatic Machines	Electronic Machines			Trimming Machines
		Flatbed up to 70"	Flatbed 70" or over	Flatbed Total	
Australia	16	73	13	86	
Bangladesh	380'103	28'353	872	29'225	138
Brunei	25	28	3	31	
Cambodia	5'814	4'621	78	4'699	
China	301'392	195'609	12'354	207'963	15'180
Chinese Taipei	846	1'022	180	1'202	8
Hong Kong, China	6'521	34'173	996	35'169	
India	6'471	3'380	328	3'708	69
Indonesia	9'022	2'603	102	2'705	1
Iran	158	134	49	183	2
Iraq	2				
Israel		4		4	
Japan	447	1'605	98	1'703	6
Jordan	271	247	1	248	
Kazakhstan	272	111	25	136	
Kirghizstan	44	61	8	69	
Korea, P.R.	1'615	200	15	215	
Korea, Rep.	10'565	2'768	401	3'169	
Kuwait		2		2	
Laos	3	4		4	
Lebanon	4	1		1	
Macau	203	648	234	882	
Malaysia	119	66	2	68	2
Maldives	2	1		1	
Mongolia	74	561	21	582	
Myanmar	429	513	47	560	
Nepal	491	44		44	
New Zealand	1	49	4	53	
Pakistan	783	100	8	108	2
Philippines	116	95	3	98	
Singapore	142	197	17	214	
Sri Lanka	1'488	852	15	867	27
Syria	75	312	335	647	
Thailand	4'305	1'513	40	1'553	1
Turkmenistan		4		4	
U.A. Emirates	221	211	63	274	
Uzbekistan	762	69	9	78	
Vietnam	8'363	2'657	95	2'752	
Asia & Oceania	**741'165**	**282'891**	**16'416**	**299'307**	**15'436**

Table 5.4: Asia & Oceania (continued)

Country (destination)	Shipments 2014				
	Hand-knitting and Semi-automatic Machines	Electroni Machines			Trimming Machines
		Flatbed up to 70"	Flatbed 70" or over	Flatbed Total	
Australia		4		4	
Bangladesh	4'921	10'570	742	11'312	14
Brunei	20	27	3	30	
Cambodia	518	899	78	977	
China	10'000	17'853	1'538	19'391	
Chinese Taipei	16	40	3	43	
Hong Kong, China	145	835	24	859	
India	975	1'679	161	1'840	
Indonesia	160	578	24	602	
Iran	49	67	9	76	
Israel		4		4	
Japan		214	1	215	
Kazakhstan	54	73	8	81	
Kirghizstan	32	49	5	54	
Korea, P.R.	98	133	15	148	
Korea, Rep.	82	424	12	436	
Kuwait		2		2	
Laos	3	4		4	
Macau		50		50	
Malaysia	7	10	1	11	
Maldives		1		1	
Mongolia	7	25	1	26	
Myanmar	310	492	47	539	
Nepal	2	23		23	
New Zealand		9		9	
Pakistan	41	62	6	68	
Philippines	19	26	3	29	
Singapore	114	153	17	170	
Sri Lanka	5	122	1	123	
Syria		2		2	
Thailand	190	289	29	318	
U.A. Emirates		24	4	28	
Uzbekistan	20	31	3	34	
Vietnam	558	1'871	85	1'956	
Asia & Oceania	**18'346**	**36'645**	**2'820**	**39'465**	**14**

Table 5.5: Europe

Country (destination)	Cummulative Shipments 2005-2014				
	Hand-knitting and Semi-automatic Machines	Electronic Machines			Trimming Machines
		Flatbed up to 70"	Flatbed70" or over	Flatbed Total	
Austria		6	5	11	
Belgium	17	273	27	300	
Denmark		1	6	7	
Finland	110	5	9	14	
France	1	178	108	286	
Germany	172	557	375	932	
Greece		32	13	45	
Italy	584	7'260	1'205	8'465	1
Monaco		11	5	16	
Netherlands	6	18	2	20	
Norway		12	8	20	
Portugal		133	34	167	
Spain	10	518	73	591	
Sweden	1	14	8	22	
Switzerland	53	48	41	89	
U.K.	5	686	60	746	
Europe, West	**959**	**9'752**	**1'979**	**11'731**	**1**
Armenia	1				
Azerbaijan	6	18	2	20	
Belarus	106	27		27	
Bulgaria	8	37	12	49	
Croatia		37	1	38	
Czech Republic		5	1	6	
Estonia		2	6	8	
Georgia	6	18	2	20	
Hungary	1	4	1	5	
Latvia	7	2	7	9	
Lithuania	9	33	1	34	1
Macedonia	1				
Poland	7	68	83	151	
Romania	6	166	44	210	
Russia	8'561	2'176	142	2'318	
Serbia		1		1	
Slovakia		50	17	67	
Slovenia	2				
Ukraine	644	125	7	132	
Europe, East	**9'365**	**2'769**	**326**	**3'095**	**1**
Turkey	997	12'573	700	13'273	8
Europe, Other	**997**	**12'573**	**700**	**13'273**	**8**
Europe	**11'321**	**25'094**	**3'005**	**28'099**	**10**

Table 5.5: Europe (continued)

Country (destination)	Shipments 2014				
	Hand-knitting and Semi-automatic Machines	Electronic Machines			Trimming Machines
		Flatbed up to 70"	Flatbed70" or over	Flatbed Total	
Austria		1		1	
Belgium		174	12	186	
Denmark		1	2	3	
France		38	12	50	
Germany		100	38	138	
Greece		4	1	5	
Italy		855	84	939	
Monaco		1	2	3	
Netherlands		13	1	14	
Norway		1	1	2	
Portugal		19	2	21	
Spain		91	12	103	
Sweden		6	2	8	
Switzerland		32	3	35	
U.K.		95	8	103	
Europe, West		**1'431**	**180**	**1'611**	
Azerbaijan		18	2	20	
Belarus		4		4	
Bulgaria		2		2	
Czech Republic		1	1	2	
Georgia		18	2	20	
Hungary		2		2	
Latvia		1	1	2	
Lithuania		10		10	
Poland		26	7	33	
Romania		41	24	65	
Russia		800	80	880	
Slovakia		1		1	
Ukraine		42	4	46	
Europe, East		**966**	**121**	**1'087**	
Turkey		1'824	55	1'879	3
Europe, Other		**1'824**	**55**	**1'879**	**3**
Europe		**4'221**	**356**	**4'577**	**3**

Finishing Machinery — List of Participating Companies

Country	Company	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Brazil	Texima	x	x	-	-	-	x	x	x	x	-
Germany	Brueckner	x	x	x	x	x	x	x	x	x	-
	Erbatech	x	x	x	x	x	x	x	x	x	x
	Fong's Europe for. Goller)	x	x	x	x	x	x	x	x	x	x
	Kuesters (Benninger)	x	-	x	x	x	x	x	x	x	x
	Menzel	-	-	x	x	x	x	x	x	x	x
	Monforts	x	x	x	x	x	x	x	x	x	x
Hong Kong, China	Fong's	-	x	x	x	-	-	-	-	-	-
India	Arudatta	-	-	-	x	-	-	-	-	-	-
	Devrekha	-	-	-	x	-	-	-	-	-	-
	Dhall	-	-	-	x	-	-	-	-	-	-
	InspirOn	-	-	-	x	-	x	x	x	x	x
	KRSNA	-	-	-	x	-	-	-	-	-	-
	Kuesters Calico	-	-	-	x	-	-	-	-	-	-
	M-TEX	-	-	-	x	-	-	-	-	-	-
	SM-Energy	-	-	-	x	-	-	-	-	-	-
	Yamuna	-	-	-	x	-	-	-	-	-	-
Italy	Mezzera	x	x	x	-	-	-	-	-	-	-
	Biancalani	-	-	-	-	-	-	-	x	x	x
	Ferraro	-	-	-	-	-	-	-	-	-	x
	Reggiani	-	-	-	-	-	-	-	x	x	x
Japan	Kyoto Machinery	x	x	x	x	x	x	x	x	x	-
Netherlands	Brugman	-	-	-	x	x	x	x	x	x	x
Switzerland	Benninger	x	x	x	x	x	x	x	x	x	x
	Santex	x	x	x	x	x	x	x	x	x	x
Turkey	HAS Group	-	-	-	-	-	-	-	x	x	x
U.S.A.	Morrison Text. Machinery	x	x	x	x	-	-	-	-	-	-
	Navis Tube Tex	-	-	-	-	-	-	-	-	-	x

General Comments

In segments where the participation of companies was too low no data have been published. Data received on finishing machinery in the areas of fibres and yarns as well as knits and wovens discontinuous are not displayed at all due to lack of participation.

Continent (destination)	Shipments of Finishing Machinery: Wovens Continuous 2014							
	Wet Technology					Dry Technology		
	Mercericing	Dyeing	Bleaching	Washing	CPB-Dyeing	Stentering	Sanforicing	Relaxation Dryer
Angola				1	1			
Morocco						1		
AFRICA				1	1	1		
Guatemala		1		1	1			
Mexico	1	2	1					
U.S.A.						2		
AMERICA, NORTH	1	3	1	1	1	2		
Argentina			1					
Brazil		1				1		
AMERICA, SOUTH		1	1			1		
Bangladesh		1	1	1	1	2		
China		2						
India	9		13	19	19	7		
Indonesia		1		1	1			
Pakistan	2	1	1			1		
Thailand		1						
ASIA & OCEANIA	11	6	15	21	21	1		
Bielarus		1		1	1			
Czech Republic						1		
Romania						1		
Russia				2	2	4		
EUROPE, EAST		1		3	3	6		
Austria				2	2			
France		2	1					
Germany		1	2	2	2	1		
Italy		1		2	2	1		
Portugal		1				1		
Spain	1							
Switzerland	1							
U. K.		1						
EUROPE, WEST	2	6	3	6	6	3		
Turkey	3	4	1	6	6	8		
EUROPE, OTHERS	3	4	1	6	6	8		
World	19	21	21	38	38	31		

Continent (destination)	Shipments of Finishing Machinery: Knits Continuous 2014								
	Wet Technology					Dry Technology			
	Mercerising	Dyeing	Bleaching	Washing	CPB-Dyeing	Stentering	Compacting Tubular	Compacting Open Width	Relaxation Dryer
Egypt				1			2	3	
Ethiopia						1	1		
Ghana				1					
Morocco							1	1	
Tunesia						1			
AFRICA				2		2	4	4	
Mexico							1	1	
U.S.A.						1		1	
AMERICA, NORTH						1	1	2	
Argentina				1					
Brazil							1		
Columbia						1			
Ecuador							2		
AMERICA, SOUTH				1		1	3		
Australia				1					
Bangladesh				2		2	3	17	
China				2			5	18	
India						6	5	6	
Indonesia						2	4	4	
Iran						1	3	6	
Japan							1		
Pakistan						1			
Philippines							2		
Thailand							2	1	
Uzbekistan						2		3	
Vietnam						1			
ASIA & OCEANIA				5		15	25	55	
Croatia						1	1		
Poland				1		1		1	
Russia						1		1	
EUROPE, EAST				1		3	1	2	
Greece							1		
Italy						1	2		
Portugal						2			
Spain								1	
U. K.							1		
EUROPE, WEST						3	4	1	
Turkey				4		26	11	18	
EUROPE, OTHERS				4		26	11	18	
World				13		53	49	82	

Spinning

Changzhou Tonghe Textile Machinery Co.,Ltd.
CTMC Jingwei Textile Machinery Co., Ltd.
Heibei Taihang Machinery Industries Co., Ltd.
Jiangsu Jinshen Industry Co.
Jinzhong District Textile Machinery Factories
Marzoli (Dongtai) Textile Machinery Co., Ltd.
Oerlikon China Technology Co., Ltd.
Rieter Textile Systems (Shanghai Co.)
Shanghai Chunrui Textile Machinery Co., Ltd.
Shanghai No. 2 Textile Machinery Co., Ltd.
Shanxi Best Textile Machinery Co., Ltd.
Shanxi Hongji Co., Ltd.
Zhejiang Rifa Textile Machinery Corp.
Zhejiang Taitan Co., Ltd.
Zhoushan 4806 Factory

Texturing

Jiangsu Haiyuan Machinery Co., Ltd.
Jiangsu Hongyuan Textile Machinery Co., Ltd.
Oerlikon China Technology Co., Ltd.
Shaoxing Yuejian Machinery Manufacture Co., Ltd.

Weaving

China Textile Machinery Co., Ltd.
Guangdong Fengkai Machinery Manufacturing Co., Ltd.
Hangzhou Yun
Hua Xin Textile Machinery Co., Ltd.
ITEMA Weaving Machinery (China) Co., Ltd.
Jiao Nan District Weaving Machines Factories
Picanol (Suzhou) Textile Machinery Co., Ltd.
Pu Sheng Textile Machinery Co.,Ltd.
Shanxi Changlin Textile Machinery Co.,Ltd.
Shaoxing Textile Machinery Group Co., Ltd.
Shaoxing Yuejian Machinery Manufacture Co., Ltd.
Shijiazhuan Textile Machinery Co., Ltd.
Suzhou Textile Machinery Co., Ltd.
Wuxi Si Pu Lan Textile Machinery Co., Ltd.
Yancheng Honghua Textile Machinery Co., Ltd.
Zhejiang Taitan Co., Ltd.
Zhejiang Wanli Textile Machinery Co., Ltd.
Zhuji Huahai Spinning Machine Co., Ltd.

Circular Knitting

Foshan Textile Machinery Manufactory
Jin Jiang District Knitting Machine Factories
Quan Zhou District Knitting Machinery Factories
Shishi District Knitting Machine Factories
Wuxi Jinlong Textile Machinery Co., Ltd.
Xia Men District Knitting Machine Factories
Zhang Zhou District Knitting Machine Factories
Zhejiang Rifa Textile Machinery Corp.

Flat Knitting

Changshu Jinlong Textile Machinery Co., Ltd.
Fujian Hongqi Co., Ltd.
Hai an Tianyuan Machinery Co., Ltd.
Jiangsu Haiyuan Machinery Co., Ltd.
Nantong Tinayuan Flat Knitting Manufacture Co., Ltd.
Ningbo Cixing Knitting Machine Co. Ltd
Shaoxing District Flat-Knitting Machinery Factories
Zhangjiagang Shengxing Textile Machinery Co., Ltd.
Zhejiang Feihu Textile Machinery Co., Ltd.
Zhejiang Yuefa Textile Machinery Co., Ltd.

Overall Shipments of New Textile Machinery Slightly Down in 2014

Decline in Short-staple and Draw-Texturing Spindles; Increase in Flat Knitting Machines

Shipments in most of the textile machinery segments experienced declines in 2014. Deliveries of new short-staple spindles fell by 15% from 2013 to 2014. Shipped long-staple spindles and open-end rotors increased by 70% and 2.6% respectively. The number of shipped draw-texturing spindles grew by close to 12%. Shuttle-less looms and new large circular knitting machines also dropped by 14% and 22% year-on-year. In contrast, shipments of flat-knitting machines rose by 31%.

These are the main results of the 37th 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 machinery. The 2014 survey has been compiled in cooperation with some 110 textile machinery manufacturers after 112 in 2013, representing a comprehensive measure of world production.

Spinning Machinery

Shipments of new *short-staple spindles* fell by 15% in 2014 year-on-year and more than reversed the increase of 10% in 2013. The level of short staple spindles declined to 9.8 million spindles, the lowest level since 2009 and also lower than the ten-year-average of 10.9 million. Most of the new short staple sindles (91%) were shipped to Asia, whereby shipments fell by nearly 17% year-on-year. Thereby China, the world's largest investor of short-staple spindles, experienced a decline of nearly 29%. Four of the five largest investors for short-staple spindles originate from Asia. Including China these are India, Viet Nam and Indonesia. Shipments to Turkey, the fourth largest investor, increased by 5% in 2014, the third consequetive increase.

Global shipments of *long-staple (wool) spindles* increased by 70% from 80,800 in 2013 to 137,650 in 2014. That is the strongest increase since 2012. The majority of long-staple spindles (69%) were shipped to Europe. Thereby, shipments to Turkey rose to 67,000 which is equivalent to a share of 49% of global shipments. Within Europe Belarus and Italy came second and third with shipments numbering 21,216 and 10,584 spindles. In 2014, shipments to Asia increased marginally by 0.2% to 29,000 spindles. While North and South America did not receive any shipments of long-staple spindles, shipments to Africa amounted to 432.

Shipments of *open-end rotors* improved moderately in 2014 by 2.6% after they declined in the previous two years. The number of shipments reached to 454,720, the highest level since 2011 and well above the long-term average of 402,669. Nearly 67% of worldwide shipments of open-end rotors were destined for Asia though the pace is declining. Shipments to Asia fell by 13% after declines of 13.9% and 11.9% in 2013 and 2012 respectively. Also, in South America shipments declined (-9.3%). In contrast, shipments to Europe and, especially, North America saw strong increases of nearly 27% and 402% respectively.

Texturing Machinery

Global shipments of *single heater draw-texturing spindles* (mainly used for polyamide filaments) increased by 76% from 2,600 in 2013 to 4,576 in 2014. With nearly 57% Asia is the region where most of the single heater draw-texturing spindles were shipped to followed by Western Europe with 20% and South Amercia with close to 15%.

In the segment of *double heater draw-texturing spindles* (mainly used for polyester filaments) the downward trend continued and global shipments fell by 12% on an annual basis to 443,352. However, the pace of decline moderated somewhat compared to 2013 when shipments fell by nearly 30%. Asia's share of worldwide shipments amounted to close to 88%. Thereby, China remained the largest investor accounting for 60% of global shipments.

Weaving Machinery

In 2014, worldwide shipments of *shuttle-less looms* fell by 14% to 71,667 units, the third decline in a row. Thereby, shipments of water-jet shuttle-less looms dropped by 30% to 24,220, the third fall since 2012. Shipments of air-jet looms also declined though this was the first fall after four years of increases. The number of shipped air jet looms contracted by 19% to 20,176 in 2014. In contrast, deliveries of rapier/projectile looms shipments rose by 14% from 23,828 in 2013 to 27,271 in 2014, the highest level since 2006.

As in previous years the main destination of shuttle-less looms was Asia amounting to a share of 97% of worldwide deliveries. Thereby, the percentage of the three subcategories is relatively even. Water-jet looms measure 36% of shipments to Asia, 35% are rapier/projectile looms and 29% are air-jet looms. In Europe and North America 73% and 54% of shipments are for rapier/projectile looms, while the share of water-jet looms is only 7% and 11% respectively.

Circular & Flat Knitting Machinery

Global shipments of *large circular knitting machines* fell by 22% from 36,575 in 2013 to 28,502 in 2014, the lowest level since 2009. Also for this category Asia is the world's leading investor. Nearly 88% of all circular knitting machines are shipped to Asia and with a share of 60% (close to 17,000 shipments) of worldwide deliveries China is the single largest investor. India and Turkey rank second and third with 2,464 (8.6%) and 1,325 units (4.6%) respectively.

2014 was a good year for the segment of *electronic flat knitting machines* as global shipments grew by 31% to 46,100 machines. This was the first increase since 2011. Not surprisingly, Asia received the highest share of shipments. Over 85% of all deliveries went to Asia with China being the largest investor with a share of 42% equivalent to over 19,000 units. Including China, four of the five largest investors for flat knitting machines are Asian countries. Second and third are Bangladesh (11,312 units) and Viet Nam (1,956). Turkey ranks fourth with 1,879 machines and India fifth with 1,840 units.

Finishing Machinery

The 2014 edition of ITMF's International Textile Machinery Shipments Statistics included for the nineth time also data on *finishing machinery* (wovens and knits continuous machinery).

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