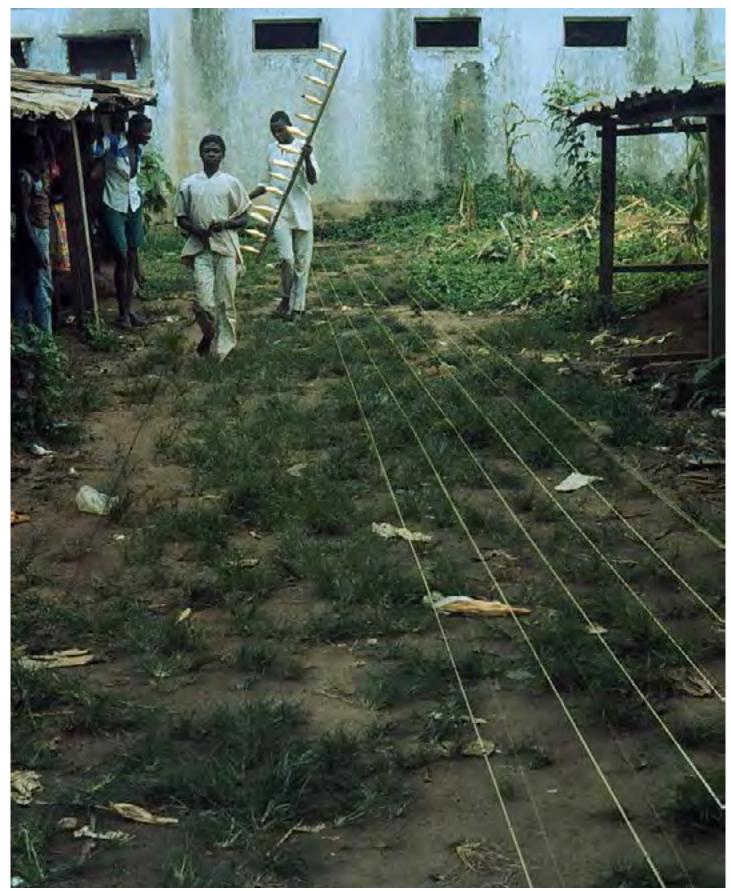
WARPING HISTORIES research document

Compiled by Abbye Churchill, Research Assistant working with Anne Wilson, in preparation for To Cross (Walking New York), 2014, a project for The Drawing Center. This compilation of images was never intended to be comprehensive but useful as informational guides. Sources are located below each image.



Winding the warp, Yoruba peoples, Nigeria. Photo by Lisa Aronson http://africa.uima.uiowa.edu/topic-essays/show/19?start=2



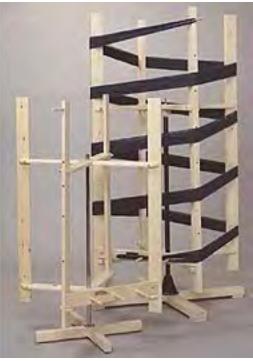


Winding the warp of a Kente cloth, Ghana, http://www.tienchiu.com/travels/ghana/kente-weaving-in-ghana/











Warping reels used to wind the warp from Glimakra, Sweden. http://glimakrausa.com/glimakra-products/glimakra-warping-equipment/





Hand-winding the warp, Portugal http://esquilohandmade.blogspot.com/2012/12/winding-warp.html



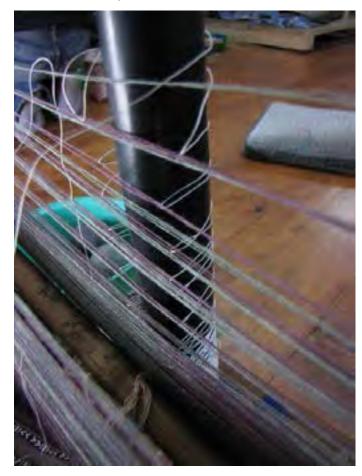


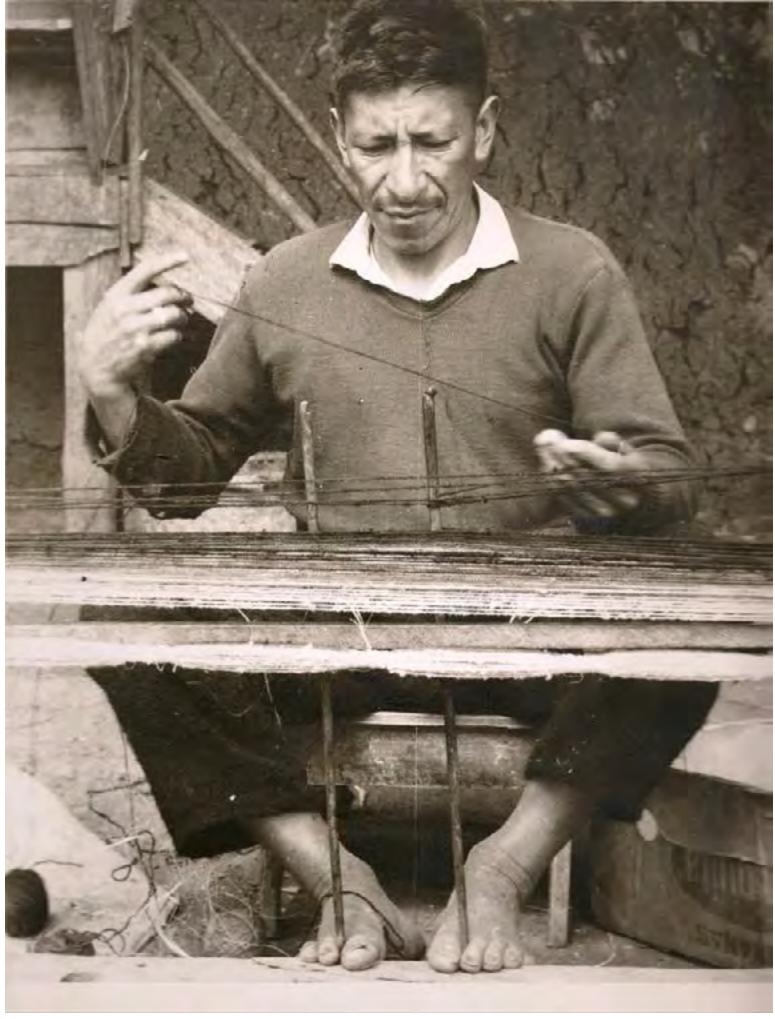
Warp winding by Nagada Weavers using ancient methods to produce contemporary textiles, 2014, Egypt http://nuuninteriors.com/nuun/nagada-weavers/



Preparing a warp for a backstrap loom, Bhutan, 2011 http://textiletrails.com/2011/09/11/warp-preparation-for-backstrap-loom/







Circular warp being wound for a backstrap loom, Ecuador, 1960. Photo by Dennis Penley http://backstrapweaving.wordpress.com/2014/08/29/backstrap-weaving-fancy-footwork/



Winding the warp, Indonesia http://bataktextiles.blogspot.com/2010_12_01_archive.html



Winding the warp by master weavers in Siam, Thailand http://www.apoccas. com/blog/2012/12/siams-master-weavers/



Winding the warp in Chincero, Cuzco Region, Peru http://www. naturalhistorymag.com/features/112333/ the-mur-a-code





Pamphila, medieval woman warping, by Giovanni Boccaccio, 1440, Rouen, France http://www.womeninworldhistory.com/silk-road-02.html

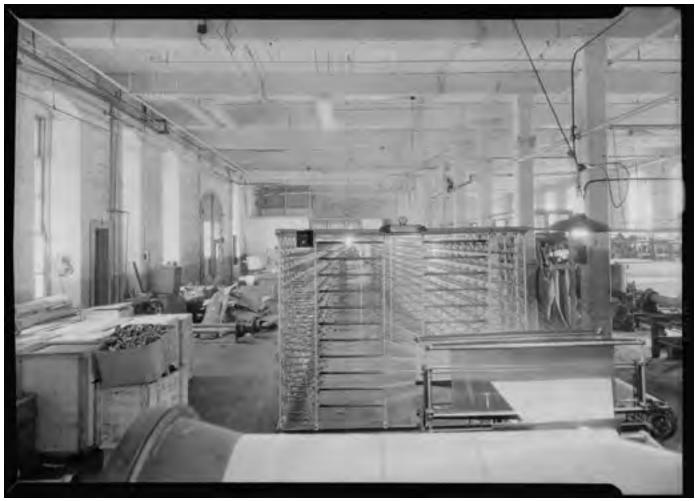


photographer-john-thomson-stunning.html





Warping room, Olympian Cotton Mills, Columbia, S.C. saskhistoryonline.ca





Jackson Winding and Warping Company, High speed warper, Paterson, New Jersey, 1937, Federal Works Agency



Don & Low Limited, winding the jute fiber, Dundee Heritage Trust



Warping Machine at work, Assobat Wollen Mills, Mass. saskhistoryonline.ca



Seven Can Type Sizing and Warping Machine, Jackson Winding and Warping Company, Patterson, New Jersey, Federal Works Agency, 1941.



Urquhart Lindsay & Robertson Orchar, Ltd High Speed Warping Machine, Dundee Heritage Trust



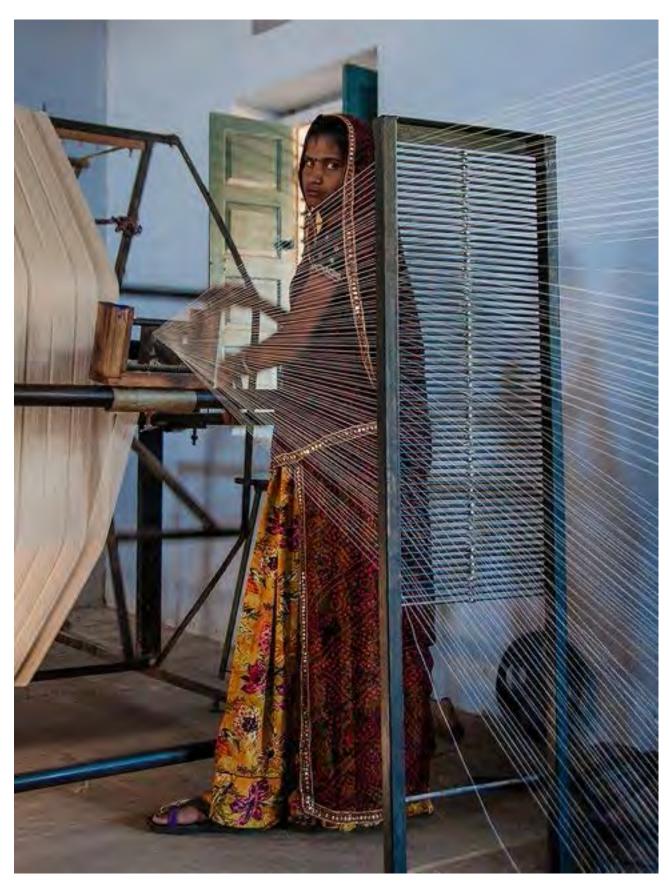
Warp winding at London Cloth Co., a textile mill in London, UK, 2013 http://londoncloth.tumblr.com/post/44736230504



Wooden warping frame and balloon creel, Warping Department, Prospect Mills, Victoria Road, Cleckheaton, West Yorkshire, UK, 1965 http://www.leodis.net/display.aspx?resourceIdentifier=2006213_160695&DISPLAY=FULL



Warping a drawdown for velvet, 2014 http://princelytextiles.wordpress.com/tag/royal-textile/



Contemporary warp winding, India, 2014 http://www.pinterest.com/pin/13299761375084494/

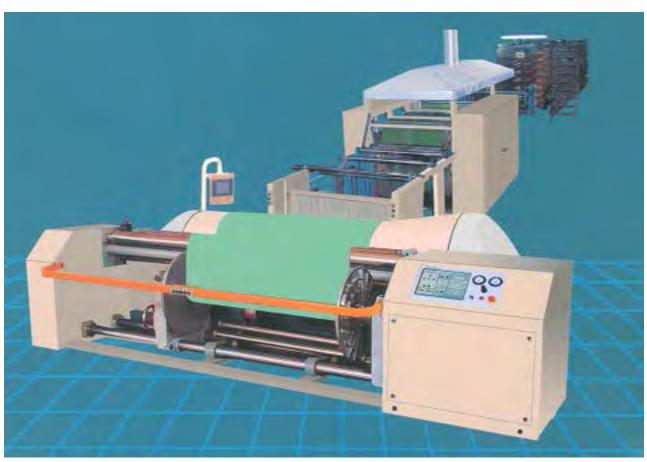




HFGA121 High Speed Direct Warping Machine, China, 2014



Polypropylene Bag Weaving and Warping Machine, 2012



HFXJ800 Combined Warping-Sizing Machine, 2014 http://www.cnhuafang.com/wz/cp8_en.htm

Yiwu Jingyi Textile Machinery Co., LTD JYW400/AP Warping Machines Zheijang, China, 2014





Taha Impex Latex Warping Machine, Mumbai, India, 2014