

Cloth-cut'ting Ma-chine'. Of the three power cloth-cutting machines shown at the Centennial Exhibition in 1876 : —

Albin Warth's machine employs a reciprocating cutter blade in a turning head at the end of a pivoted arm guided on a track or rail at the side of the table on which the cloth rests. It operates better than a rotary knife on curved lines and corners.

Sanson's machine is a spring-arm band-saw machine, accurate and swift.

Fenno employs a rotary cutter at the end of a universally movable arm.

See the following references : —

Cutter band knife,
Powis Bale & Co., Br. . . . * "Engineer," xlix. 225.
 Cutting machine, *Sanson, Br.* * "Engineer," xli. 393.
 Cutting machine, *Sanson, Br.* * "Sc. American Sup.," 4312.
Warth "Thurston's Vienna Rept.,"
 iii. 320.
 * "Engineer," xliii. 320.

Cloth finishing machine,
Pierron & Dehaitre, Fr. . . . * "Sc. Amer. Sup.," 4023.
 Folding machine (Fr.) . . . * "Sc. Amer.," xxxiv. 178.
 Inspector. Bolting cloth, *Deal.* * "Sc. American," xl. 326.
 Press, *Boomer & Boschert* . . . * "Scientific Amer.," xlii. 242.
 Testing machine, *Riehl* . . . * "Manf. & Builder," xi. 178.
Hausner * "Sc. Am. Sup.," 1236.