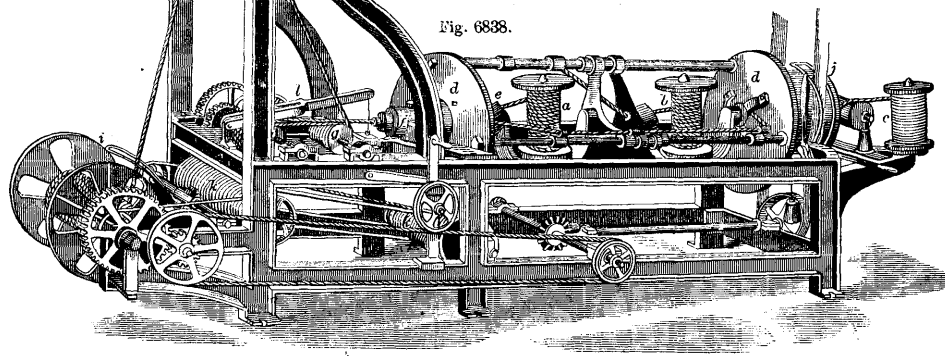


Twist'ing-ma-chine'. A machine for twisting and laying rope and cordage (Fig. 6838).

The strands are wound upon spools *a b c*, and are led through eyes along the revolving frame *d d*, and, meeting at the top *e*, are conducted through the hollow axis *f* of the frame, and after passing several times around the tension-rollers *g g*, the twisted rope is finally carried over an elevated roller *h* and wound upon the reel *i*. The rotary motion of the twisting-frame *d d* is derived from a belt and pulley *j* independent of the device by which the motion of translation is imparted. The velocity with which the rope is advanced and wound upon the reel *i* is governed by cone-pulleys *k k*, and is varied to impart a greater or less twist with a uniform rotary movement of the frame *d d*. *l* is a brake for checking and equalizing the motion of the tension-rollers. See ROPE-MACHINE.



Twisting-Machine.