



Treatise on the Use of Belting for the Transmission of Power

By John Haldeman Cooper

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 108 pages. Dimensions: 9.7in. x 7.4in. x 0.2in. This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1878 Excerpt: . . . unfavorable circumstances, and look to-day (1872) as if they would last 10 years longer. Main Driving Belts. 102. Mr. W. B. Le Van presents this and the next case of driving belts: --At A. Campbell and Co. s factory, Manayunk, Philada., the motive power is transmitted by 3 belts to 3 separate line shafts, as shown in Fig. 21. Fig. 21. Belt No. 1 to the upper 6-feet pulley is 17 inches wide. Belt No. 2 to the 8-feet pulley beneath is 21 inches wide. Belt No. 3 to the 8-feet pulley, to the right in the cut, is 26 inches wide. The belts are all double leather, and run from the pulley fly-wheel on the engine shaft, which is 24 feet diameter, 6 feet width of face, and weighs, with its shaft, 43 tons. The engine is a horizontal Corliss, with 30-inch cylinder, 5-feet...



Reviews

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