

An Estimate of an Engine

Scantlings for a Mill proportionable for
a 50½ foot Water Wheel 50½ Inches Ladles
The Groundsills 9x7. 8 Posts 9x7 at the Bottom & 8x6 at top.
Braces 5x3 Bottom Curb 8x6 the Over Curb 9x3. Three trees 7x10
Binding Beams Tole Beam and Cut Beam 7x9 Collar Beam 7x9
Collar Beam 52x10 Aple tree head & 13x13 at the Tail 22x22 ^{at head} Girts
6x4 Bottom Beams 8x6 Top D^r 6x4 Spindle 9x9 Tail tree 10x7
Braces 4x4 Woller 10x10 Trough side 10x7 Head sides Head sheds 7x5
at head. Studs 4x4 Top of the water ways 4x5 Water way sheds 5x3
The Top Cog wheel 6 foot Diam^r. Bottom Cog wheel 8 foot Diam^r
Trainle head Proportionable, Arms for the Bottom Cog wheel 7x5
Arms for the top Cog wheel 6x4 the Boarding of the ~~top~~ Trough
& Water way of whole Deal the Boarding of the mill to
feather Edged Slid Deals Sister of Double Deals Backs
7½ x 10. 26 foot Long Oak Whip, to find Nales from Work
and Braces. the Width of the mill to be 50½ foot at top
and 53 foot at Bottom
Foundation Digging & Brickwork

About 500 £