Comber

- 1. mass/buyth of your = no. of filvres in voss-section
- 2. Benduig Rigidity a (dia of your)2
- 3. Noil /. = Mass of Moil X 10

ten & Toil'.

$$DOC = \frac{S}{S}$$

$$\frac{C}{2} \frac{S}{n}$$

$$2 = D - C - n$$

$$2 = D - (C + n)$$

$$Detadoy$$

7. Production of Comber =
$$\frac{A \times E \times S \times N \times 60 \times N' \times G \times 1000}{A \times 1000 \times 1000 \times 1000} \times 1000}$$

$$= \frac{A \times E \times S \times N \times 60 \times N' \times G}{\times (100 - k)}$$

$$= \frac{A \times E \times S \times N \times 60 \times N' \times G}{\times (1000 \times 1000 \times 10000 \times 10000$$

Twist = n sayer (two-6/m)

Traverse Rote (T) = Vder x drongs

Traverse Vd → deliv. xxdb coils

Speed of top come = Speed of Bottom

Come abun

my x xy = m2 xxy

 $e = \frac{A}{c} \times \frac{D}{B}$

a = oum / coming f = input l= output

 $e = \frac{\ell - \alpha}{\beta - \alpha}$ $\ell = \alpha + e(f - \alpha)$

· Speed of driver come dreum changes Innuly

Length of Belt = 22+ 77 (31,+42) Deriver Com drum linearly with dia evotré

· Twist = Frankler Speed Delivery Speed

$$V_{d} = \pi d_{B} \left(n_{b} - n_{T} \right)$$

· Rel. b/n virding tension e spindle speed

· Fw = FT dRing

Bobbin

· Twist change not Expinsional with changing transler sper