EM-0=(-2in. Fronty) E+(-25, 1+1in, 1) X FFS(-98, -175) 0=-25, 1716Rin + ,98. F13, 1716Rin / E Francis = 6.77161. Fin Frank - 6.7766, - 3.43 Discuss, This seems to make sonse us it is muchless Three than isput in It makes sonse that the free Portfolio

Using the EKD, with a may force of 2kN RSH-Max Free 35KN 150 cm Xcm FLA = 35/cN 150cm Assure BX= G= OWN duto ZMB = xcm. Fund + FLA (150-X)CA no herron /4/ lond 5250 KNcm = Xcm · Frond + 85kmXcm Bosed on this, who X= 0 cm, colow can b Hen, when X=150 cm, OEN cm be 14hd. Assuming a 10 cm retained, the

Stort 502+ 4 2 = 150 = X Sh Ocm 150 sin & HOMEM = max hope max hight at 50cm is postly 150 sin & = max height At XXXXXXX which it an hold a max of 28,50 kN. This gets

In max hight of 50cm parks with the max load, while the Maxland gran last kight is dom of hight bet infaite So, given this disign, to lift a load 50cm, the pin needle need to be 82, Jean fin to lift of the low when it Bhortzonk , allewing this 28,50kN lood to be lifted all the nely, This is all man the assumption of a local remeted length of the Linear arount