5. Portfolia Problem Given: 20 design space 150 cm long Foch tall Rigid bory 3 pins Find! Geste design that optimizes for lifting woisht thorsal Gove 1. Find activator 2, Ochbrite on Design 3. Create Design Solution: 1. Actorior: IMA 5 5 RNOS max throat: 35 8/KN stroke up to 45,7cm length; 34cm d. Height and Weight are tradeoffs in this situation So will try to go for something in the middle HAW 9-20, 40 based on geometry CM -Wmax . 130,8 (m 130 8 cm Geometry above found from lifting end This was a tricky problem The openended ness was also tricty. My design seems to be able to lift a lat of weight which 15 400d,