

PUP -WEIGHT CALCULATIONS

	Rotation Axis -1	Linear axis-1 (Vertical)	Linear axis-2 (Horizontal)	Rotational Axis-2 (Pan)	Rotational Axis-3 (tilt)	Support legs (3 each)
Gearmotor	16	14	14	13	13	
Housing (AI-6061)	15			12	12	
Elec. Conn	1	1	1	1	1	20
Cabling	3	3	3	3	3	
Support Structure	5	5	5	5	5	
<u>Sub-Total</u> Weight in LBS	40	23	23	34	34	20
<u>Sub-Total</u> Weight in KG	18	10.35	10.35	15.3	15.3	9

Electronics
Housing 45

TOTAL

Weight (lbs)	219
Weight (Kg)	98.55

ASSUMPTIONS:

- 1 4000m operating depth
- 2 Rotation axis
housings are one
atmosphere
- 3 All electrical
connectors are
equal.
- 4 Cables are 1-lb per foot
- 5 Motor weights are
based on HD
Systems RFS-25-
3018 & FHA-32B
- 6 Housing material
is Aluminum 6061-
t6