

300
cos 30°

Kick stand pole w/stops

~~legs~~ Bolted flange plates - legs

heavier than 450lbs / side

legs currently 8 bearing points

instead of finger joint - use steel plate

Keep legs connected

create hole in base
that allows leg to
attach.

45°

another leg?

Connection point leg to base

rotates but not rigid

leg knee joint steel sleeve recreation
3/4"

LIFT industry

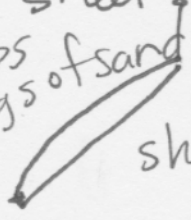
square member. most efficient

fore arm provide more interior
attachments.

upper arm 3: 2x4 + plywood

≈ 2" 2x4 on center act together
plywood across back
sheet steel 6" o.c. 1/2"

250 lbs
6 bags of sand



parabolic
shape

legs out min. 8'
from center

1,000 extra lbs