

Potain HDT80 Self-Erecting Tower Crane Site Preparation



1. Determine if FAA notice to airmen is required and if flag or light is required per FAA guidelines.

2. Determine underground utilities or other obstacles impacting grounding of crane and/or generator.

3. Ensure adequate ingress/egress for crane, ballasting and erection envelope of crane (see specification sheet for erection envelop).

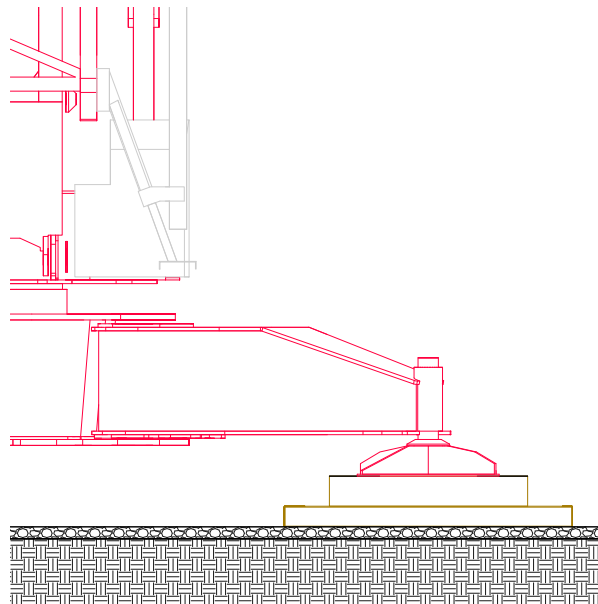
4. Provide space for generator or power pedestal if contractor is providing power.

5. Ensure adequate egress/ingress to fuel generator if applicable

6. Prepare Flat, level, compacted and well-drained crane surface that can support the maximum corner force of the crane. (See attached crane reaction data) Supplier will provide crane pads.

7. Ensure that erected crane has adequate clearance and separation from any existing or anticipated power lines or obstructions

8. Construct adequate barrier to keep unauthorized persons from entering the crane area.

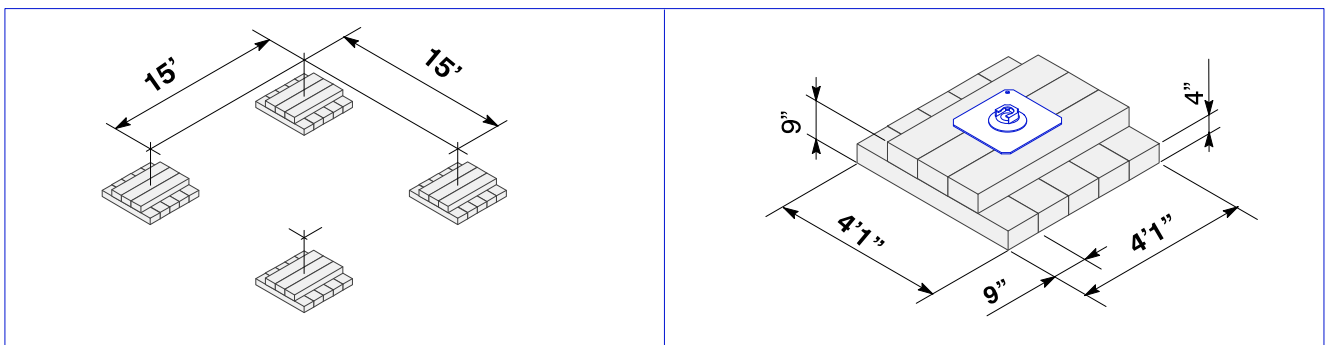
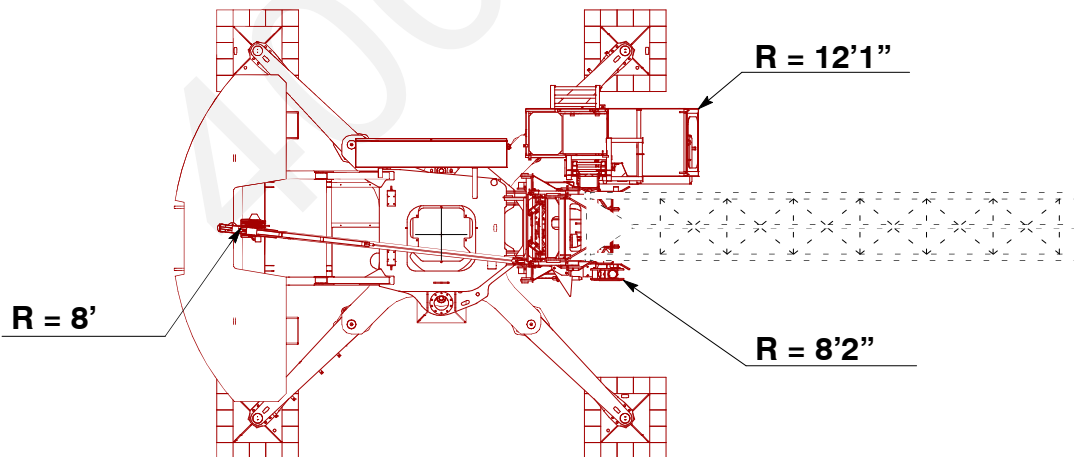
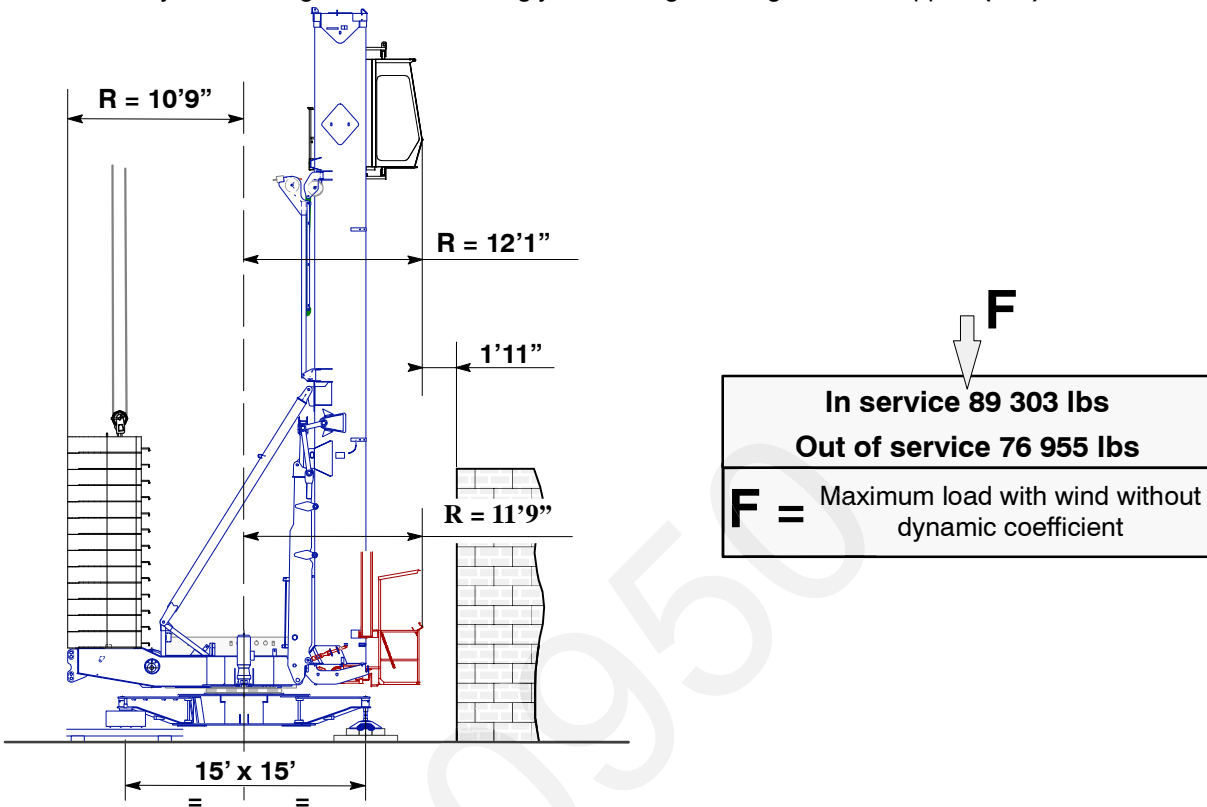


COMPASS
EQUIPMENT

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CONSTITUTION OF THE BEARING SURFACE

This support is provided for a ground with medium bearing capacity ($R = 35,71 \text{ lbs / sq inch}$). When the capacity is different, modify the bearing surface accordingly, observing the height of the support ($9''$).



11M – SUPPLY POWER

1. CHARACTERISTICS OF CURRENT SUPPLY OF CRANES

1. 1. POWERS AND INTENSITIES FOR EACH WINCH VERSION

Model 400V/50Hz	Type of winch	Nominal power in kVA	Starting power in kVA	Nominal intensity at A	Starting current at A
HDT70A	20 PC	31	82	45	118
HDT80	20 LVF	31	37	42	45

Model 400V/60Hz	Type of winch	Nominal power in kVA	Starting power in kVA	Nominal intensity at A	Starting current at A
HDT70A	20 PC	31	82	45	118
HDT80	20 LVF	31	37	42	45

This starting current intensity comprises:

- the starting current intensity of the motion using the most voltage (in general the hoist motion)
- the nominal intensity of the two other motions (in general slewing and trolleying)



In case of cranes equipped with frequency converter the differential circuit breaker must be compatible with this equipment according to the rules in force at the place of work.