

(N)ERP and (N)ERG's on Series 3 Cranes – 1/8 to 5 Ton

Background:

Harrington's Series 3 Cranes are designed for the hoist to be oriented perpendicular (90°) to the bridge beam. The basis for this configuration is:

- Maximum end approach (how close the trolley/hoist can get to the runway).
- Consistent configuration - (N)ER hoist are always perpendicular regardless of trolley.
- Identical bridge beam end stop locations regardless of the ER/trolley combination.
- Simplified and standardized bridge beam designs.

Applications:

Refer to EDOC0049 for detailed information on the available trolley/hoist combination and the parts required for the combination. This application information applies to the standard TS2 models and the TF2 (TS and TF for 5 Ton).

(N)ERP

Standard - ERP's lug mounted with the hoist oriented perpendicular to the beam. Note, there is not a 90° suspender for the PTS2005 or PTF2005. For 1/2 ton cranes with plain trolleys use a PTS2010, relabeled 1/2 ton.

Alternative – ERP's mounted using hook-to-lug with the hoist oriented perpendicular are available as an alternative and do not require crane customization or design modification.

Non-Standard – ERP's lug or hook-to-lug mounted with the hoist oriented parallel to the bridge beam is available with a few minor crane design modifications. The note "Parallel to beam" should be placed under the hoist on these orders. Special quote requests (blue forms) are not required. Price and lead-time will not be affected.

(N)ERG

Standard - ERG's lug mounted with the hoist oriented perpendicular to the beam. Extended handwheel trolleys are required – refer to EDOC0075. Note, these trolleys are different than the extended handwheel trolleys used with the ES hoist.

Alternative – ERG's mounted using hook-to-lug with the hoist oriented perpendicular are available as an alternative and do not require crane customization or design modification. Extended handwheel trolleys are required – refer to EDOC0075.

Non-Standard – ERP's lug or hook-to-lug mounted with the hoist oriented parallel to the bridge beam is available for some capacities with few minor crane design modifications. Refer to EDOC0049 for the available capacities. The note "Parallel to beam" should be placed under the hoist on these orders. Special quote requests (blue forms) are not required. Price and lead-time will not be affected.