



**PURPOSE**

To provide assembly instructions for the production of Schenck Accurate trolley hoists. These instructions are necessary to ensure proper manufacturing of the Schenck Accurate trolley/hoist.

**REFERENCE MATERIALS**

ITEM NUMBER	ASSEMBLY DRAWING	WIRING DIAGRAM
NER2M020L-SDAR05	70095	71273
NER2M020L-SDAR07	70096	71273
NER2M020L-SDAR08	70097	71273
NER2M020L-SDAR10	70142	71273
NER2P020L-AR11	70160	71000
NER2M020S-SDAR12	70185	71273
NER2M020L-SDAR14	70226	71273
NER2M020L-SDAR15	70288	71458
NER2M020L-SDAR16	70287	71458
NER2M020L-SDAR17	70290	71273
NER2M020L-SDAR18	70293	71273
NER2M020L-SDAR19	70307	71273
NER2M020L-SDAR20	70350	71683
NER2M020L-SDAR21	70636	71273
NER2P020L-AR22	70676	71994
NER2M020L-SDAR23	70929	81086
NER2M020SDSDAR24	70931	81099
NER2M020L-SAR25	70735	71382
NER2M020L-SDAR26	70738	71273
NER2M020L-SDAR27	70960	71273
NER2M020SDSDAR28	70961	81099
NER2M020L-SDAR29	83140	71273
NERM030L-SDAR30	83110	81324
NER2M020L-SDAR31	83113	81333
NER2M020L-SDAR32	83125	81333
NER2M030C-SDAR33	83129	71273
NER2M020L-SDAR34	83213	71382
NER2M020S-SDAR35	83214	71273

**GENERAL USE**



- Schenck Accurate Hoist Specification: S315783.00
- Schenck Accurate Order Form: Current Revision

### **MANUFACTURING/PROCESSING INSTRUCTIONS – NER2M020L-SDARXX**

1. Per the generated pick list, obtain the required components to assemble the appropriate unit.
2. If it is a motorized trolley, un-crate the trolley and convert from MR2020LU to MR2020SDU per the current revision of EDOC0476, module 15. Engrave a new trolley nameplate that reads 8 fpm. If not motorized, proceed to step 3.
3. Set flange width for S6x17.25 monorail beam. For motorized trolley use quantity (5) thin spacers. Distribute these spacers inside the trolley side plates. (3) of the spacers should be on one side of the hoist suspender, and (2) on the opposite when coupled. For manual trolley use quantity (8) thin spacers. Distribute these spacers evenly between the side plates.
4. For motorized trolley set trolley VFD low speed to 8 fpm per the current revision of EDOC0460, and EDOC0463.
5. Do not include standard KITO cable trolleys.
6. In accordance with the current revision of EDOC0416, module 6, assemble pendant station using pendant cable allocated on pick list. Using labels provided with pendant, label the pendant buttons (Up/Down, Forward/Reverse). Pendant length should match item description, and be measured from top of orange p/b body to end of pendant cord.
  - a. NOTE: Strain relief should be same length as P/B cable.
7. Chain and test hoist per the current revision of EDOC0435, module 9.
8. Verify that correct amount of single wheel cable trolleys have been provided and package with hoist. Cable trolleys should not be installed.
9. Apply UL listing label (p/n: ULER2) per the current revision of EDOC0448, if specified on order.
10. Couple hoist and trolley, and package in crate for shipping. Include chain container.
11. Contact QC for inspection.
12. **END---**

### **MANUFACTURING/PROCESSING INSTRUCTIONS – NER2M030C-SDARXX**

1. Per the generated pick list, obtain the required components to assemble the appropriate unit.
2. If it is a motorized trolley, un-crate the trolley and convert from MR2020LU to MR2020SDU per the current revision of EDOC0476, module 15. Engrave a new trolley nameplate that reads 8 fpm. If not motorized, proceed to step 3.
3. Set flange width for S8X18.4 (4.0" flange) monorail beam. Refer to the table in the owner's manual for number of spacers.
4. For motorized trolley set trolley VFD low speed to 8 fpm per the current revision of EDOC0460, and EDOC0463.
5. Do not include standard KITO cable trolleys.
6. In accordance with the current revision of EDOC0416, module 6, assemble pendant station using pendant cable allocated on pick list. Using labels provided with pendant, label the pendant buttons (Up/Down, Forward/Reverse). Pendant length should match item description, and be measured from top of orange p/b body to end of pendant cord.
  - a. NOTE: Strain relief should be same length as P/B cable.
7. Chain and test hoist per the current revision of EDOC0435, module 9.
8. Verify that correct amount of single wheel cable trolleys have been provided and package with hoist. Cable trolleys should not be installed.

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9. Apply UL listing label (p/n: ULER2) per the current revision of EDOC0448, if specified on order.
10. Couple hoist and trolley, and package in crate for shipping. Include chain container.
11. Contact QC for inspection.
12. **END---**

### **MANUFACTURING/PROCESSING INSTRUCTIONS – NER2030L-SDARXX**

1. Per the generated pick list, obtain the required components to assemble the appropriate unit.
2. If it is a motorized trolley, un-crate the trolley and convert from MR2030LU to MR2030SDU per the current revision of EDOC0476, module 15. Engrave a new trolley nameplate that reads 8 fpm. Install ER1 hoist leads, install JST connectors given in VFD kit onto the leads. Do NOT change to MR1 style pendant socket. ER2 p/b to be used.
3. Set flange width for S10x25.4 monorail beam (4.66" flange). Refer to the section in the owner's manual for number of spacers.
4. For motorized trolley set trolley VFD low speed to 8 fpm per the current revision of EDOC0460, and EDOC0463.
5. Do not include standard KITO cable trolleys.
6. In accordance with the current revision of EDOC0416, module 6, assemble pendant station using pendant cable allocated on pick list. Using labels provided with pendant, label the pendant buttons (Up/Down, Forward/Reverse). Pendant length should match item description, and be measured from top of orange p/b body to end of pendant cord.
  - a. NOTE: Strain relief should be same length as P/B cable.
7. Chain and test hoist.
8. Verify that correct amount of single wheel cable trolleys have been provided and package with hoist. Cable trolleys should not be installed.
9. Do NOT provide UL sticker on the hoist – ER1 is NOT UL listed.
10. Couple hoist and trolley, and package in crate for shipping. Include chain container.
11. Contact QC for inspection.
12. **END---**

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