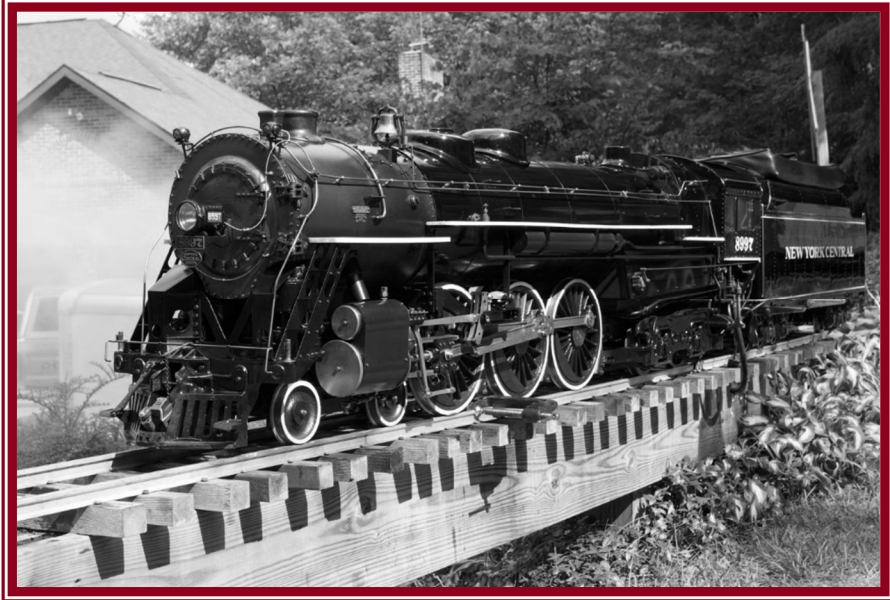


# LIGHT HUDSON 4-6-4



A logical addition to offering a Pacific was to also offer a **LIGHT HUDSON**. The New York Central Railroad bestowed the name 'Hudson' in honor of the river that paralleled that railroad's *WaterLevelRoute*. The 4-6-4 was basically an extended Pacific, but the four-wheel trailing truck and larger firebox enabled the engine to produce more steam and attain higher speeds than the 4-6-2. Over 500 Hudsons saw service in North America On railroads such as the New York Central, Lackawanna, Nickel Plate Road, C, B & Q, Sante Fe, Milwaukee Road, and more.

The running gear of our **LIGHT HUDSON** will model a great many different engines and, as with our Light Northern, we offer the option of the three-axle Commonwealth or Buckeye tender trucks. This engine is a good steamer and will haul consistently heavy loads.



## SPECIFICATIONS

|                        |                     |
|------------------------|---------------------|
| Engine Length          | 88 inches           |
| Width                  | 15 ½ inches         |
| Height                 | 22 inches           |
| Weight (Engine Only)   | 900 lbs (approx.)   |
| Track Gauge            | 7 ¼ or 7 ½ inches   |
| Bore & Stroke          | 2 ½ x 3 ½ inches    |
| Drive Wheel Diameter   | 10 inches           |
| Valves                 | 1 ¾ diameter piston |
| Fuel                   | Coal, Oil, or LPG   |
| Boiler                 | 10 ¾ inch diameter  |
| Minimum Turning Radius | 45 feet             |

## RECOMMENDED MACHINERY

12 inch swing lathe  
Medium milling machine

# Hudson 4-6-4

| Section 1 - Prints 1 & 2A |     |                         |                                |                  |
|---------------------------|-----|-------------------------|--------------------------------|------------------|
| Part Number               | Qty | Description of Part     | Details (1989 - Catalogue 300) | Rough Price 2021 |
| H15A-1                    | 1   | Tie Bar                 | 1/4" x 7/8" (7") crs           | DNI              |
| H15B-1                    | 1   | Tie Bar & Cylinder Stop | 1/2" sq (7") crs               | DNI              |
| H15C-2                    | 2   | Top Bar                 | 3/4" sq (68") crs              | DNI              |
| H15D-2                    | 2   | Cylinder Bar            | 3/4" x 7/8" (36") crs          | DNI              |
| H15E-2                    | 2   | Center Bar              | 5/8" x 3/4" (32") crs          | DNI              |
| H15F-2                    | 2   | Pedestal Binder         | 1/2" x 3/4" (50") crs          | 40.00            |
| H15F-3                    | 1   | Water Pump Bracket      | 1/4" x 1-1/2" (7") crs         | 20.00            |
|                           |     | Bolts & Nuts            |                                | DNI              |
| H15-1WJ                   |     | Main Frames             | Waterjet                       | 800.00           |
| Rough Total Section 1     |     |                         |                                | 60.00            |



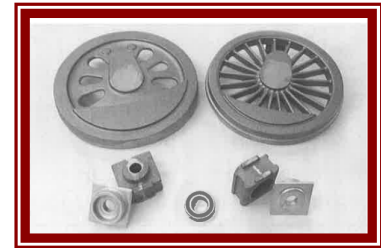
| Section 2 - Prints 3 & 3A |     |                                |                                |                  |
|---------------------------|-----|--------------------------------|--------------------------------|------------------|
| Part Number               | Qty | Description of Part            | Details (1989 - Catalogue 300) | Rough Price 2021 |
| H15-1                     | 1   | Front Frame Spreader           | (c)                            | 40.00            |
| H15-2                     | 1   | Center Plate                   | (c)                            | 60.00            |
| H15-3                     | 2   | Front Pedestal                 | 5/8" x 3/4" x 13" crs          | DNI              |
| H15-4                     | 4   | Center Pedestal                | 5/8" x 3/4" x 13" crs          | DNI              |
| H15-5                     | 2   | Back Pedestal                  | (c)                            | DNI              |
| H15-6                     | 2   | Brake Shaft Bearing            | (c)                            | 40.00            |
| H15-7                     | 2   | Link Motion Bearing Bracket    | (c)                            | 24.00            |
| H15-7A                    | 2   | Spring Equalizer Bearing       | (c)                            | 60.00            |
| H15-7B                    | 2   | Spring Equalizer Br Clevis Pin | 6" crs                         | DNI              |
| H15-7C                    | 1   | Pivot Pin                      | 1/2" round (3") crs            | 3.00             |
| Rough Total Section 2     |     |                                |                                | 227.00           |



| Section 3 - Prints 4A |     |                     |                                |                  |
|-----------------------|-----|---------------------|--------------------------------|------------------|
| Part Number           | Qty | Description of Part | Details (1989 - Catalogue 300) | Rough Price 2021 |
| H15-8                 | 6   | Drive Wheels        | (c)                            | 480.00           |
| H15-9                 | 3   | Axles               | 1-1/8" RD CRS 30"              | 35.00            |
| H15-10                | 6   | Journal Box         | (c)                            | 180.00           |

|        |   |                   |                          |        |
|--------|---|-------------------|--------------------------|--------|
| H15-11 | 6 | Journal Box Cover | (c)                      | 90.00  |
| H15-12 | 6 | Ball Bearings     |                          | 108.00 |
| H15-13 | 2 | Crank Pins        | Main 7/8" round (6") crs | 6.00   |
| H15-14 | 4 | Crank Pins        | 13/16" round (9") crs    | 9.00   |
| H15-15 | 4 | Crank Pins Caps   | 1-3/16" round (6") crs   | 6.00   |
| H15-16 | 6 | Axle Key          | 1/4" sq (7") crs         | 5.00   |
|        |   | Bolts & Nuts      |                          | DNI    |

**Rough Total Section 3 919.00**



| Section 4 - Print 5 |     |                             |                                |                  |
|---------------------|-----|-----------------------------|--------------------------------|------------------|
| Part Number         | Qty | Description of Part         | Details (1989 - Catalogue 300) | Rough Price 2021 |
| H15-17              | 6   | Spring Saddles              | (c)                            | 120.00           |
| H15-18              | 6   | Spring Sets                 |                                | 240.00           |
| H15-19              | 2   | Rear Main Spring Hanger     | (c)                            | 60.00            |
| H15-19A             | 2   | Rear Main Spring Hanger Pin |                                | 7.00             |
| H15-20              |     | Hangers                     | 1/8" x 1/2" (8") crs           | 80.00            |
| H15-21              | 6   | "U" Clamps                  | 1/16" x 1/2" (24") crs         | TBD              |
| H15-22              | 6   | Spring Rocker               | 3/8" round (12") crs           | 10.00            |
| H15-23              | 4   | Spring Bolts                | 5/16" Hex (12") crs            | TBD              |
| H15-24              | 20  | Main Frame Spring Assm. Pin | 3/8" (24") crs                 | TBD              |
| H15-25              | 4   | Spring Equalizer Bars       | 1/4" x 3/4" (14") crs          | 80.00            |
| H15-25A             | 16  | Spacers                     | 1/2" round (6") crs            | 5.00             |
| H15-26              | 12  | Spring End Block            | 1/2" sq (12") br               | 10.00            |
| H15-27              | 4   | Clevis                      | 1/2" sq (6") br                | 5.00             |
| H15-28              | 2   | Clevis Rod                  | 1/4" round (12") crs           | 2.00             |
| H15-28A             | 4   | Clevis Pin                  |                                | 14.00            |
| H15-29              | 1   | Back Traverse Bar           | 1/4" x 1/2" (8") crs           | 20.00            |
| H15-30              | 2   | Tr. Truck Equalizer Bar     | 1/4" x 3/4" (24") crs          | 80.00            |
|                     |     | Bolts & Nuts                |                                | DNI              |

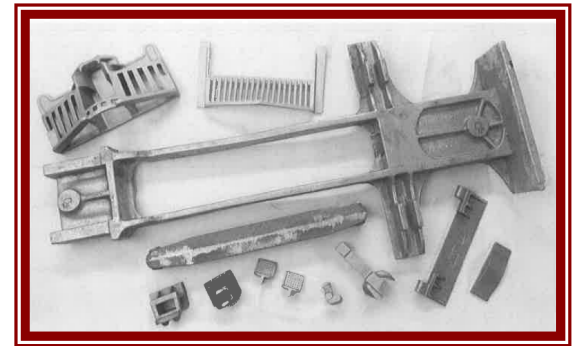
**Rough Total Section 4 733.00**



| Section 5 - Prints 6 & 7 |     |                     |                                |                  |
|--------------------------|-----|---------------------|--------------------------------|------------------|
| Part Number              | Qty | Description of Part | Details (1989 - Catalogue 300) | Rough Price 2021 |
| FME4-1                   | 1   | Cradle              | (c)                            | 430.00           |
| H15-33                   | 2   | Pivot Pin           | 3/4" x 4" crs                  | 5.00             |

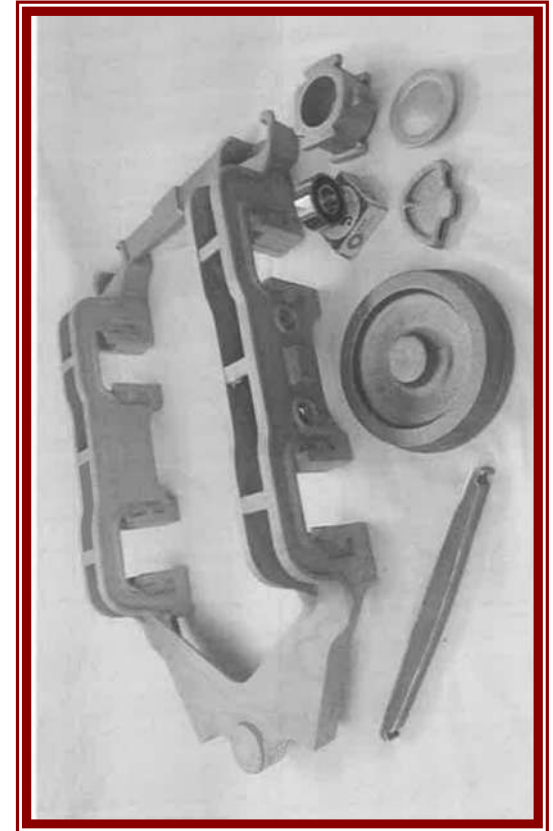
|        |   |                    |     |        |
|--------|---|--------------------|-----|--------|
| H15-34 | 1 | Pilot Beam         | (c) | 60.00  |
| H15-35 | 1 | Pilot (Cowcatcher) | (c) | 250.00 |
| H15-36 | 2 | Pilot Steps        | (c) | 30.00  |
| H15-37 | 1 | Chafing Iron       |     | 15.00  |
| H15-38 | 1 | Coupler Housing    | (c) | 40.00  |
| H15-39 | 2 | Sway Rod Brackets  | (c) | 80.00  |
| H15-40 | 1 | Coupler & Knuckle  | (c) | 40.00  |
|        |   | Bolts & Nuts       |     | DNI    |

**Rough Total Section 5 950.00**



| Section 6 - Print 8 |     |                                  |                                |                  |
|---------------------|-----|----------------------------------|--------------------------------|------------------|
| Part Number         | Qty | Description of Part              | Details (1989 - Catalogue 300) | Rough Price 2021 |
| TRL14-1             | 1   | Trailing Truck                   | (c)                            | 500.00           |
| TRL15-3             | 4   | Trailing Truck Journal Box       | (c)                            | 330.00           |
| TRL15-4             | 4   | Trailing Truck Journal Box Cover | (c)                            | 64.00            |
| H15-45              | 4   | Trailing Truck Binders           | 1/4" x 1-1/2" (8") crs         | TBD              |
| TRL15-4B            | 4   | Wheels                           | (c)                            | 120.00           |
| H15-47              |     | Axles                            | 1-3/16" RD CRS 25"             | 30.00            |
| TRL15-4A            | 4   | Bearings                         |                                | 160.64           |
| H15-49              | 2   | Clevis                           |                                | TBD              |
| H15-49A             | 6   | Pivot Pins                       | 5/16" dia. X 8"                | 2.00             |
| H15-50              | 2   | Ft, lower Spring Clevis          | 1/2" square x 2-1/2"           | 2.00             |
| H15-51              | 4   | Rear & Ft Upper Sp Clevis        | 1/2" x 3/4" x 5"               | 5.00             |
| H15-51A             | 6   | Clevis Pin                       | 5/16" RD CRS                   | 3.00             |
| H15-52              | 2   | Rocker Base                      |                                | 16.00            |
| H15-52A             | 2   | Rocker Dowel Pin                 |                                | 2.00             |
| H15-53              | 2   | Heart Rocker w/Pins              | (c)                            | 46.00            |
| H15-53A             | 2   | Heart Rocker Pad                 | 1/2" x 1-1/4" (10") crs        | 31.70            |
| TRL15-8             | 4   | Springs                          |                                | 100.00           |
| H15-55              | 2   | Spring Eq Rocker                 | 3/8"x 5/8" x 9" crs            | 8.77             |
| H15-56              | 2   | Equalizer Bar Pin                | 5/16" dia x 3"                 | 1.00             |
| H15-57              | 2   | Spring Equalizer Bar             | 1/4" x 1/2 x 20" crs           | 15.88            |
| H15-58              | 2   | Coil Springs                     | 1/2" square (6") br            | TBD              |
|                     |     | Bolts & Nuts                     |                                | DNI              |

**Rough Total Section 6 1,437.99**



**Section 7 - Print 9**

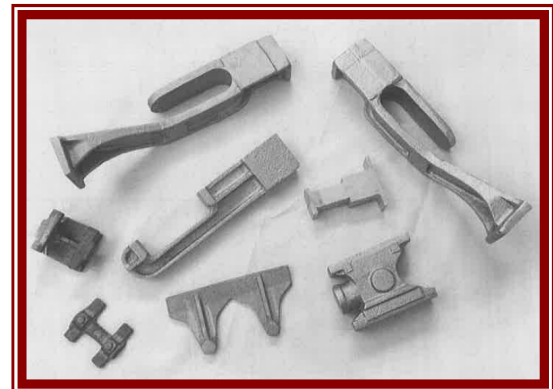
| Part Number | Qty | Description of Part           | Details (1989 - Catalogue 300) | Rough Price 2021 |
|-------------|-----|-------------------------------|--------------------------------|------------------|
| H15-59      | 2   | Lead Truck Side Frame         | (c)                            | 60.00            |
| H15-60      | 2   | Tie Bar                       | 1/4" x 3/4" (24") crs          | 24.00            |
| H15-61      | 4   | Journal Boxes (with bearings) | (c)                            | 128.00           |
| H15-63      | 4   | Wheels                        | (c)                            | 120.00           |
| H15-64      | 2   | Axle                          | 7/8" round (18") crs           | 10.00            |
| H15-65      | 1   | Center Plate                  | (c)                            | 46.00            |
| H15-66      | 1   | Bolster                       | (c)                            | 64.00            |
| H15-66A     |     | Bolster Pin                   | 5/16" dia x 6" crs             | 1.00             |
| H15-67      | 4   | Swing Links                   | (c)                            | 48.00            |
| H15-68      | 8   | Swing Link Pin                | 1/4" roud (12") crs            | 1.00             |
| H15-69      | 4   | Spring Equalizer              | 1/8" x 2" (48") crs            | 40.00            |
| H15-70      | 2   | Spring Bearings               | (c)                            | 15.00            |
| H15-71      | 2   | Spring Sets                   |                                | 25.00            |
| H15-72      | 2   | Spring Rockers                | 3/8" round (2") crs            | 1.00             |
| H15-73      | 2   | Spring Clamps                 | 1/16" x 1/2" (6") crs          | DNI              |
| H15-74      | 4   | Spring End Blocks             | 1/2" square (6") br            | 1.50             |
| H15-74A     | 2   | Spring Assembly Bolt          | 5/16" hex crs                  | TBD              |
| H15-74B     | 4   | Spring Spacers                |                                | TBD              |
| H15-74C     | 8   | Spring Hangers Water Jet      | 1/8" x 5/8" (18") crs          | 40.00            |
|             |     | Bolts & Nuts                  |                                | DNI              |

**Rough Total Section 7    624.50**



**Section 8 - Prints 3A & 11**

| Part Number | Qty | Description of Part       | Details (1989 - Catalogue 300) | Rough Price 2021 |
|-------------|-----|---------------------------|--------------------------------|------------------|
| H15-75      | 2   | Link Support              | (c)                            | 130.00           |
| H15-77      | 1   | Link Motion Bearer        | 1/4" x 1" (18") crs            | 45.00            |
| H15-78      | 2   | Guide Yoke Bearer Support | (c)                            | 36.00            |
| H15-79      | 1   | Guide Yoke Bearer-RR      | 3/16" x 1-1/4" (12") crs       | 45.00            |
| H15-80      | 1   | Guide Yoke Bearer-FT      | 3/16" x 1-1/4" (12") crs       | 45.00            |
| H15-81      | 2   | Guide Yoke                | (c)                            | 80.00            |
| H15-82      | 4   | Crosshead                 | (c)                            | 80.00            |
| H15-83      | 4   | Wrist Pin & Nut           |                                | TBD              |
| H15-84      | 2   | Brake Cylinder Bar        | 3/16" x 1/2" (12") crs         | 1.50             |
| H15-85      | 4   | Crosshead Guide Bars      | 3/8" x 5/8" (48") crs          | 20.00            |



|        |   |                        |     |       |
|--------|---|------------------------|-----|-------|
| H15-86 | 2 | Reverse Shaft Bearings | (c) | 45.00 |
|        |   | Bolts & Nuts           |     | DNI   |

**Rough Total Section 8 527.50**

| Section 9 - Print 11 |     |                                      |                                |                  |
|----------------------|-----|--------------------------------------|--------------------------------|------------------|
| Part Number          | Qty | Description of Part                  | Details (1989 - Catalogue 300) | Rough Price 2021 |
| H15-87               | 2   | Main Rod                             | (c)                            | 120.00           |
| H15-88               | 2   | Main Rod Bushing                     | Front                          | 5.00             |
| H15-88A              | 2   | Main Rod Bushing                     | Back                           | 17.50            |
| H15-89               | 2   | Side Rod (Front)                     | (c)                            | 90.00            |
| H15-90               |     | Side Rod Bushing                     | Front                          | 9.30             |
| H15-90A              |     | Side Rod Bushing                     | Back                           | 17.50            |
| H15-90B              | 2   | Front Side Rod Knuckle Joint Bushing |                                | 3.04             |
| H15-91               | 2   | Back Side Rod                        | (c)                            | 90.00            |
| H15-92               | 2   | Back Side Rod & Bushing              | Back                           | 9.30             |
| H15-93               | 2   | Knuckle Joint Pin                    | 3/4" hex (6") crs              | TBD              |
| H15-94               | 6   | Gits Oilers                          |                                | 55.00            |

**Rough Total Section 9 416.64**



| Section 10 - Print 12 |     |                              |                                |                  |
|-----------------------|-----|------------------------------|--------------------------------|------------------|
| Part Number           | Qty | Description of Part          | Details (1989 - Catalogue 300) | Rough Price 2021 |
| H15-95                | 1   | Cylinder Block               | (c)                            | 300.00           |
| H15-96                | 2   | Cylinder Liners              | (c)                            | 164.28           |
| H15-97                | 2   | Cylinder Heads               | Front (c)                      | 80.00            |
| H15-98                | 2   | Cylinder Heads               | Back (c)                       | 80.00            |
| H15-99                | 2   | Stuffing Box                 | (c)                            | 20.00            |
| H15-100               | 2   | Valve Liner                  | (c)                            | 142.28           |
| H15-101               | 8   | Valve Piston Rings           | 1-3/8"                         | 96.00            |
| H15-102               | 2   | Steam Chest Front Head       | (c)                            | 30.00            |
| H15-103               | 2   | Steam Chest Back Head        | (c)                            | 80.00            |
| H15-103A              |     | Steam Chest Back Head Spacer |                                | 30.00            |
| H15-104               | 2   | Packing Gland                | (c)                            | 24.00            |
| H15-105               | 2   | Piston Valve                 |                                | 34.42            |
| H15-106               | 2   | Valve Stems                  | 1/4" round (12") s.s.          | 5.00             |
| H15-107               | 2   | Valve Stem Crossheads        | 1/2" x 1" (6") crs             | 40.00            |
| H15-108               |     | Packing & String             |                                | 5.00             |

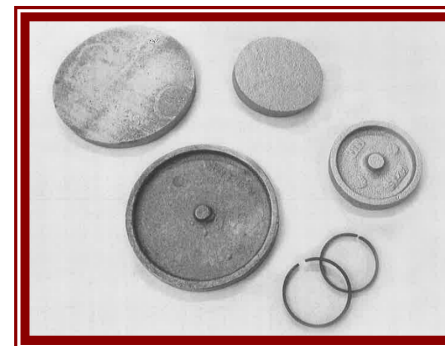


|  |  |              |  |     |
|--|--|--------------|--|-----|
|  |  | Bolts & Nuts |  | DNI |
|--|--|--------------|--|-----|

**Rough Total Section 10 1,130.98**

| Section 11 - Print 13 |     |                         |                                |                  |
|-----------------------|-----|-------------------------|--------------------------------|------------------|
| Part Number           | Qty | Description of Part     | Details (1989 - Catalogue 300) | Rough Price 2021 |
| H15-109               | 4   | Cylinder Head Covers    | Front & Back                   | 80.00            |
| H15-111               | 4   | Steam Chest Head Cover  | Front & Back                   | 60.00            |
| H15-113               | 2   | Pistons                 | (c)                            | 13.60            |
| H15-114               | 4   | Piston Rings            |                                | 48.00            |
| H15-115               | 2   | Piston Rod & Nut        | 1/2" round & nut (16")         | 18.00            |
| H15-117               | 4   | Val. Stem Keeper Plates | 1/8" x 1/2" (12") cr           | 32.00            |
|                       |     | Bolts & Nuts            |                                | DNI              |

**Rough Total Section 11 251.60**



| Section 12 - Print 14 |     |                        |                                |                  |
|-----------------------|-----|------------------------|--------------------------------|------------------|
| Part Number           | Qty | Description of Part    | Details (1989 - Catalogue 300) | Rough Price 2021 |
| H15-118               | 2   | Links & Blocks         | 5/16" x 1-3/4" crs             | 20.00            |
| H15-119               | 4   | Links Side Plates      | (c)                            | 72.00            |
| H15-120               | 2   | Eccentric Crank        | 5/16" x 1-1/4" (6") crs        | 30.00            |
| H15-121               | 2   | Eccentric Crank Pins   | 3/8" round (2") crs            | 1.00             |
| H15-122               | 2   | Combination Lever      | (c)                            | 40.00            |
| H15-123               | 2   | Union Link             | (c)                            | 40.00            |
| H15-124               | 2   | Eccentric Rods         | (c)                            | 40.00            |
| H15-124A              |     | Eccentric Rod Bushings |                                | 4.00             |
| H15-125               | 2   | Radius Rods            | (c)                            | 40.00            |
| H15-126               | 1   | Reverse Arm            | (c)                            | 50.00            |
| H15-127               | 2   | Lifting Arm            | (c)                            | 42.00            |
| H15-128               | 2   | Lifting Link           | (c)                            | 42.00            |
| H15-129               | 1   | Reverse Shaft          | 3/8" round (18") crs           | 1.85             |
| H15-130               |     | Valve Gear Pins        | 1/4" round 3/16" crs           | 1.00             |
|                       |     | Bolts & Nuts           |                                | DNI              |

**Rough Total Section 12 423.85**



**Section 13 - Print 16**

| Part Number | Qty | Description of Part                    | Details (1989 - Catalogue 300) | Rough Price 2021 |
|-------------|-----|----------------------------------------|--------------------------------|------------------|
| H15-132     | 1   | Brake Cylinder                         | (c)                            | 30.00            |
| H15-133     | 2   | Brake Cylinder Head                    | (c)                            | 30.00            |
| H15-134     | 1   | Piston                                 | 1-1/4" round (1") crs          | 8.00             |
| H15-135     | 1   | "O" Ring                               | 1-1/4" O.D.                    | 1.00             |
| H15-136     | 1   | Piston Rod                             | 5/16" round (4") s.s.          | 1.50             |
| H15-137     | 1   | Piston Rod Clevis                      | 1/2" square (1") crs           | 1.00             |
| H15-138     | 1   | Brake Cylinder Spring                  |                                | 3.50             |
| H15-139     | 1   | Brake Crank Rod                        | 1/4" x 1/2" sq (2-1/2") crs    | 1.50             |
| H15-139A    | 1   | Brake Crank Rod, Clevis                | 1/2" square (1") crs           | 1.00             |
| H15-140     | 6   | Brake Shoes                            | (c)                            | 90.00            |
| H15-141     | 3   | Front, Intermediate, & Back Brake Bead | (36") crs                      | 9.00             |
| H15-143     | 6   | Brake Beam Pin                         | 1/4" round (24") crs           | 7.00             |
| H15-144     | 4   | #1 Hanger                              | (c)                            | 60.00            |
| H15-145     | 2   | #2 Hanger                              | (c)                            | 24.00            |
| H15-146     | 2   | Brake Crank                            | (c)                            | 28.00            |
| H15-147     | 1   | Brake Crank, Clevis                    | 1/2" sq (1-3/4") crs           | 1.75             |
| H15-148     | 1   | Brake Crank, Shaft                     | 1/2" round (6") crs            | 4.50             |
| H15-149     | 1   | Brake Crank Equalizer                  | 1/4" x 5/8" (4") crs           | 1.76             |
| H15-150     | 6   | Tie Rods                               | 3/16" round (48") crs          | 14.00            |
| H15-151     | 8   | Brake Rigging Clevis - Short           | 1/2" sq x 8" br                | 6.00             |
| H15-152     | 30  | Clevis Pin                             | 3/8" round (36") crs           | 3.67             |
| H15-152A    | 4   | Brake Rigging Clevis - Long            | 1/2" (4") br                   | 3.50             |
| H15-152B    | 4   | Brake Beam Equalizer                   | 1/4" x 1/2" (18") crs          | 6.00             |
| H15-152C    | 8   | Brake Rod Equalizer Links              | 1/8" x 1/2" x 18" crs          | TBD              |
| H15-152D    | 2   | Rear Hanger Pins                       | 3/8" round (3") crs            | 1.00             |
|             |     | Bolts & Nuts                           |                                | DNI              |

**Rough Total Section 13    337.68**



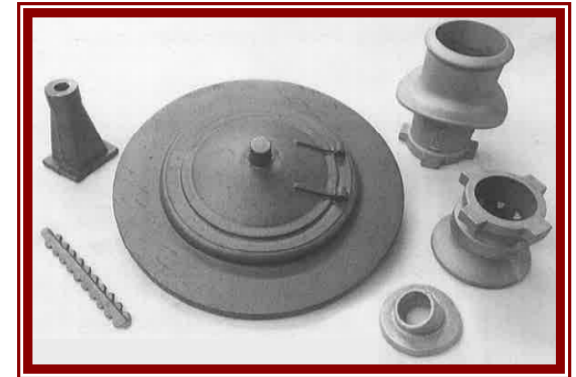
**Section 14 - Prints 17, 18, & 20**

| Part Number | Qty | Description of Part   | Details (1989 - Catalogue 300) | Rough Price 2021 |
|-------------|-----|-----------------------|--------------------------------|------------------|
| H15-153     | 1   | Smoke Box             |                                | TBD              |
| H15-154     | 1   | Smoke Box Door & Ring | (c)                            | 96.00            |
| H15-154A    | 2   | Okadde Hinges         | (c)                            | TBD              |
| H15-155     | 8   | Door Dogs             | (c)                            | 20.00            |



|          |   |                                  |      |        |
|----------|---|----------------------------------|------|--------|
| H15-156  | 1 | Stack                            | (c)  | 40.00  |
| H15-157  | 1 | Stack Extension                  | (c)  | 40.00  |
| H15-158  | 1 | Exhaust Stand Pipe-Ring & Nozzle | (c)  | 30.00  |
| H15-160  | 2 | Dry Pipe Flanges                 | (c)  | 32.00  |
| H15-161  | 1 | Throttle Kit                     |      | 125.00 |
| H15-161A | 2 | Branch Pipe Flanges              | (c)  | 60.00  |
| H15-161B | 2 | Grates                           | s.s. | TBD    |
|          |   | Bolts & Nuts                     |      | DNI    |

**Rough Total Section 14 443.00**

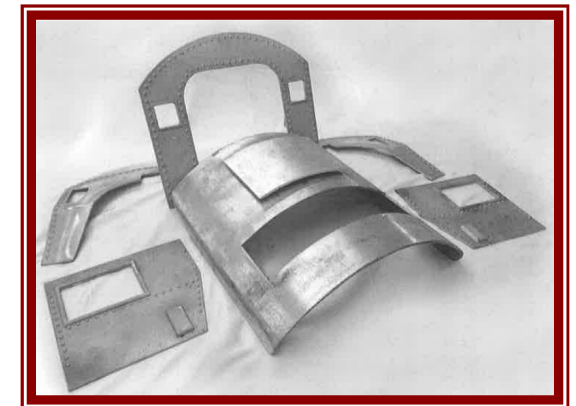


| Section 15 - Prints 22 & 23 |     |                      |                                |                  |
|-----------------------------|-----|----------------------|--------------------------------|------------------|
| Part Number                 | Qty | Description of Part  | Details (1989 - Catalogue 300) | Rough Price 2021 |
| H15-162                     | 1   | Steam Dome Casting   | (c)                            | 45.00            |
| H15-163                     | 1   | Sand Box             | (c)                            | 41.00            |
| H15-164                     | 1   | Turret Housing       | (c)                            | 52.00            |
| H15-165                     | 1   | Pop Valve Housing    | (c)                            | 34.00            |
| H15-166                     | 7   | Cab                  | fabricated alum                | 265.00           |
| H15-167                     | 2   | Fire Box Door & Ring | (c)                            | 80.00            |
| H15-168                     | 1   | Headlight Holder     | (c)                            | 43.00            |
| H15-169                     | 1   | Headlight Bracket    | (c)                            | 30.00            |
| H15-170                     | 1   | Tender Buffer & Base | (c)                            | 30.00            |
| H15-172                     | 1   | Buffer Spring        |                                | 4.50             |
| H15-173                     | 1   | Draw Bar             | 1/4" x 1" (12") crs            | TBD              |
| H15-73A                     | 1   | Steam Turret         |                                | TBD              |
|                             |     | Bolts & Nuts         |                                | DNI              |

**Rough Total Section 15 624.50**

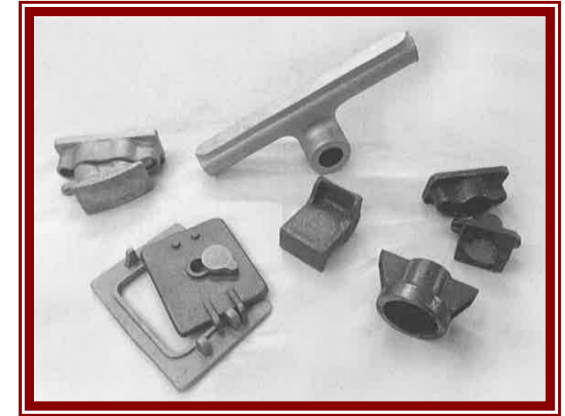


| Section 16 - Prints 19B, 23, & 24B |     |                       |                                |                  |
|------------------------------------|-----|-----------------------|--------------------------------|------------------|
| Part Number                        | Qty | Description of Part   | Details (1989 - Catalogue 300) | Rough Price 2021 |
| H15-174                            | 1   | Reverse Quadrant      | (c)                            | 41.00            |
| H15-175                            | 1   | Reverse Quadrant Base | (c)                            | 60.00            |
| H15-176                            | 1   | Bell Unit             | (c)                            | 125.00           |
| H15-177                            | 1   | Reverse Rod Clevis    | 3/8" square (2") crs           | 1.00             |
| H15-178                            | 1   | Throttle Control      | kit                            | 30.00            |



|          |   |                 |                        |        |
|----------|---|-----------------|------------------------|--------|
| H15-179  | 1 | Air Brake Stand | kit                    | 150.00 |
| H15-179A | 1 | Boiler Brace    | 1/8" x 3-1/2" (12) crs | TBD    |
| H15-179B | 7 | Running Boards  | (c)                    | 268.00 |
|          |   | Bolts & Nuts    |                        | DNI    |

**Rough Total Section 16 675.00**

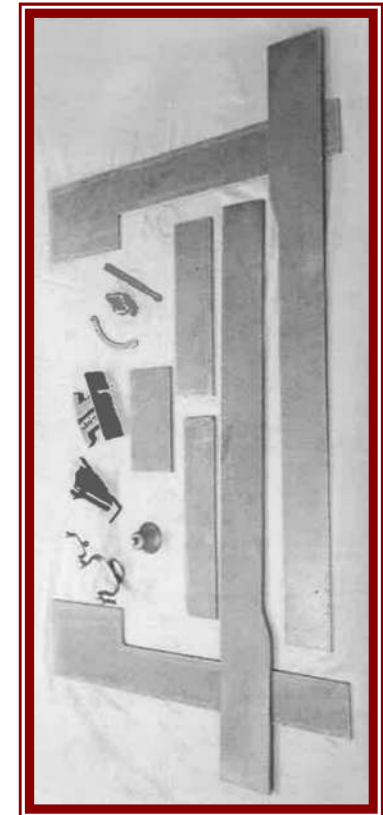


| Section 17 - Prints 25, 25A, 26, & 26A |     |                            |                                |                  |
|----------------------------------------|-----|----------------------------|--------------------------------|------------------|
| Part Number                            | Qty | Description of Part        | Details (1989 - Catalogue 300) | Rough Price 2021 |
| H15-180                                | 2   | Tender frame undercarriage | (c)                            | 225.00           |
| H15-181                                | 2   | Intermediate Frame Spacer  | (c)                            | DNI              |
| H15-182                                | 1   | Drawbar Pocket             | (c)                            | 30.00            |
| H15-183                                | 1   | Draft Gear                 |                                | DNI              |
| H15-184                                | 1   | Coupler & Knuckle          | (c)                            | 50.00            |
| H15-185                                | 1   | Water Inklet & Top         | (c)                            | TBD              |
| H15-187                                | 1   | Center Plate               | (c)                            | 50.00            |
| H15-188                                | 2   | Tender Steps               | (c)                            | 60.00            |
| H15-198                                | 1   | Tender Tank                |                                | TBD              |
|                                        |     | Bolts & Nuts               |                                | DNI              |

**Rough Total Section 17 415.00**

| Section 18 - Print 27 |     |                     |                                |                  |
|-----------------------|-----|---------------------|--------------------------------|------------------|
| Part Number           | Qty | Description of Part | Details (1989 - Catalogue 300) | Rough Price 2021 |
| H15-500               | 4   | Side Frame          | (c)                            | 185.68           |
| H15-501               | 2   | Bolsters            | (c)                            | 56.80            |
| H15-502               | 8   | Journal Box         | (c)                            | 240.00           |
| H15-503               | 8   | Journal Box Lids    | (c)                            | 80.00            |
| H15-504               | 8   | Bearings            | (c)                            | 40.00            |
| H15-505               | 8   | Wheels              | (c)                            | 160.00           |
| H15-506               | 4   | Axles               | 1" round (48") crs             | 33.50            |
| H15-507               | 4   | Spring Seats        | (c)                            | 40.00            |
| H15-508               |     | Spring Pads         | 1/8" x 1-3/4" (8") crs         | 8.35             |
| H15-509               | 16  | Springs             |                                | 72.00            |
| H15-510               | 4   | Tie Bars            | 1/8" x 5/8" (48") crs          | 8.35             |
|                       |     | Bolts & Nuts        |                                | DNI              |

**Rough Total Section 18 924.68**



| Accessories       |     |                     |                                |                  |
|-------------------|-----|---------------------|--------------------------------|------------------|
| Part Number       | Qty | Description of Part | Details (1989 - Catalogue 300) | Rough Price 2021 |
| H15-600           | 1   | Ash Pan             | completed                      | TBD              |
| H15-601           | 1   | Oil Pan             | completed                      | TBD              |
| H15-603           | 1   | Oil Tank            | completed                      | TBD              |
| Total Accessories |     |                     |                                | 0.00             |

|                                                                                              |                                              |
|----------------------------------------------------------------------------------------------|----------------------------------------------|
|                                                                                              | 2021                                         |
| Complete Set of Drawings                                                                     | 350.00                                       |
| Complete Rought Kit: Castings, Bar Stock, & Hardware<br>Free drawings with complete sections | Upgrades, TBD, DNI not included<br>11,121.92 |
| Complete and Tested Boiler                                                                   | 7,200.00                                     |
| Painted and Ready-to-Run Locomotive                                                          | CALL                                         |

*All prices are subject to change without notice or modification to the price list*

