

SALES ORDER: To be filled from Shop Order 12810
 Symbol AP60H Lot 17 Machine 21966
 Date of Sale: 9/9/40
 Delivery Due: 4/21/41
 Sold to: New York Shipbuilding Corporation
 Address: Camden, New Jersey
 Customer's Order: 40040-1
 Niles Order: 37185

FINAL MEMO

One (1) 60" x 72'-6" Heavy Engine Lathe, to take 61 ft. between centers. Machine to be driven by a General Electric 40 H.P., 230 volt, 500 to 1500 R.P.M., D.C. motor, a General Electric 3/4 H.P., 1725 D.C. motor for lubricating pump to headstock. Two (2) 3 H.P. General Electric D.C., 1150 R.P.M. motor for rapid traverse to carriage.

Machine to be equipped with two (2) carriages having rapid power traverse. One (1) carriage to be equipped with standard taper attachment, the other carriage to be arranged for connection of taper attachment only, but including long screw slide, blocks, etc. Carriages to have traveling platform of welded steel construction. Three (3) steady rests having 5-jaws each bronze tipped and 30" capacity. Standard tailstock. Four (4) #72 union 14" steel face plate jaws fitted to faceplate. Right and left hand thread cutting. Leveling wedges. Tailstock end of bed to be machined for future extension. Separate motor driven lubricating pump for headstock. Motor mounted on top of headstock with flexible coupling connection to drive box.

We are to furnish a competent man to supervise installation of machine and instruct the personnel in the proper use of machine.

PRINCIPAL DIMENSIONS

Bed length over all	72'-6"
Bed depth	24"
Swing over bed	61"
Swing over carriage	53 3/4"
Distance between centers	61'-0"
Centers - diameter - largest	3 1/4"
Bed width across top	44"
Face plate diameter	60"
Tailstock spindle diameter	7"
Tailstock spindle travel	20"
Opening 5-jaw bronze tipped steady rest	30"
Number of feeds	48
Range of feeds longitudinal011" to .628"
Number of threads	48
Range of threads per inch	1/4" to 14"
H.P. of D.C. motor	40
Speed of motor R.P.M.	500 to 1500
Spindle speeds	1.9 to 89.4

Issued 11/8/40

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