Lockers | Bench | Lockers | Bench.

Universal Miller #20

160 R.P.M. | 93 R.P.M.

Hangers | Channel 44'-3¾" long | Channel 44'-3¾" long

#17. Tool Room Lathe

#30. Drill Press

#45. Tool Grinder

#35. Cutter & Reamer Grinder Motor

#38. Drill Grinder

Bench

4" Belt 25' Long | 4" Belt 25' Long | 4" Belt 25' Long | 4" Belt 25' Long | 4" Belt 25' Long

Channel 46' long | Channel 46' long

15½"

6" diam. x 5" face

Pulley 12" dia. x 4½" face - Crown

Pulley 8" dia. x 4½" face - Crown

Pulley 10" Diam. x 6" Face Straight

Pulley - 12" dia. 6" face - straight.

Pulley - 12" dia. x 6" face - straight.

Pulley 12" dia. x 6" face - straight.

Tool Racks. | Tool Racks. | Tool Racks. | Tool Racks.

Tool Racks.

BILL OF MATERIAL.

1 - 20 HP Motor
2 - 24' lengths 2 3/16" cold rolled line shafting.
1 - Motor Pulley 5" dia. x 9" face - crown - 1 7/16" Shaft. 7/16" x 7/16" Key.
1 - Pulley - 22" dia. x 9" face - crown - 2 3/16" shaft.
1 - " - 12" " x 6" " - Straight - 2 3/16" shaft.
1 - " - 12" " x 10" " - " - 2 3/16" shaft.
1 - " - 12" " x 6" " - " - 2 3/16" shaft.
1 - " - 8" " x 4½" " - Crown - 2 3/16" shaft.
1 - " - 12" " x 4½" " - " - 2 3/16" Shaft.
1 - " - 12" " x 5" " - " - 2 3/16" shaft.
1 - " - 10" " x 6" " - Straight - 2 3/16" Shaft

1 "Dodge" Flange Coupling for 2 3/16" shaft Male & Female Type.
6 Adjustable Ball & Socket - 18" Drop Hangers, with chain bearing - 2 3/16" Shaft.

35' Belting - 1½" Wide.
105' Belting - 2" Wide.
35' Belting - 3" Wide.
33' Belting - 3½" Wide.
50' Belting - 4" Wide.
75' Belting - 4½" Wide.
24' Belting - 8" Wide.
2 - 12" Channels 44'-3¾" long
" " " 46'-0" "
8 Pcs. Oak Timbers 9" x 12" x 22"
5 " L Iron 3" x 3" x ½" x 18"
" " " " 3" x 3" x ½" x 22½"
12 Bolts ¾" x 4"
32 " ¾" x 7"
32 Rivets ⅝" x 2½"
80 " " x 2½"
48 Washers S.T. 179

22'-0" | 22'-0" | 2'-0"

12" Channel 46'-0" long

Pulley - 22" dia. x 10" face - Crown

Flange Coupling "Dodge" Male & Female Type. Main Shaft 2 3/16" Dia. Speed 238 R.P.M.

2'-6" | 8'-0" | 8'-0" | 18" | 8'-0" | 8'-0" | 8'-0" | 18"

20'-0" - 2 3/16" Shaft. | 24'-0" - 2 3/16" Shaft.

MAIN SHAFT

Note
Pulleys to be cast iron, split, machine molded, having standard flat key (No set screws) for double belt, single arm - "Dodge" preferred.
Belting to be Oak Tanned Leather, stitched on both edges.

For manner of fastening Channels to Girder See Drwg. No. D-517
For motor Brackets See Drwg. No. D-520

Westing House Motor. Type - CCL const. Speed 1135 R.P.M. A.C. 20 HP Frame 9A - 440 Volts.

21" | 5" | 10" | 10" | 9" | 5" | 10" | 10" | 5" | 9" dia. x 9" face | 2 - Belts 33" Long | 1" Bracket

11'-6" | 18" | 9'-0"

#20 | #17 | 2" Belt 33' Long

7'-0" | 3'-6" | 7'-6"

#30 | 2" Belt 37' Long | 4" Belt 35' Long | 4" Belt 35' Long | 2" Belt 35' Long

#45 | #38 | #35 Motor Drive.

Bench.

Tool Racks.

10'-0" | 5'-6" | 4" x 12" x 22"

Pulley 12" diam 6" face Straight

Plate 18" x 20" x ⅜" | 3½" x 3½" x ⅜" L Iron. | ⅜" Plate. | See Drwg. D-523 for Bracket | 4 Holes 6" c.c. | 2'-6" | 2'-6" | 7'-0"

Pulley 7½" Diameter for 412 R.P.M. | From OT15

#45 | #35 | #20 | Bench.

4'-6" | 10'-0"

GROUP-4-SHAFTING - TOOL ROOM.
MACHS. NO. 20, 17, 30, 45, 35, 38 & 35.
S.P.L.A. & S.L. R.R.

E 486 #8

Approved _____ Supt. Machy.

Revised-11-16-10-"B"
Revised-19-18-10.-"A"