DIESEL POWERED, NARROW ARTICULATED SCALING VEHICLE
MODEL SV-4D

HYDRAULIC OIL TANK (APPROX. 110 GALLONS)

TWO SPEED HYDROSTATIC DRIVE GEAR BOX

FUEL TANK (APPROX. 40 GAL.)

DOZER TRACKS: COOLED 4 Cyl. Engine BF4M1013C 154 HP@ 2300 RPM

BATTERY w/ BOX and COVER

HEAVY DUTY AXLES w/ WET DISC BRAKE and 12.00 x 20 TIRES

MSHA RATED ENCLOSED CAB (18,000 LBS. LOAD) FULLY ADJUSTABLE, AIR SUSPENSION SEAT

ENGINE AIR FILTER

VEHICLE EXHAUST GAS PURIFIER and FUME DILUTER

J H. FLETCHER & CO.

MAXIMUM TRIMMING SPEED:
62 MPH w/ 33:1 RATIO AXLES AND 150 HP ENGINE

SHOWN w/ OUTRIGGERS STAR JACKS OPTIONAL

GROUND IMPACT by BOOM (Extended DOWN AND RETRACTED)

OPTIONAL HAMMER, OUT TO IMPROVE MACH

35'-3" (APPROX. WITH SCALING CLAW) 36' (APPROX. WITH HAMMER)

TURNING ABILITY:
IN A 12' x 12' BROADWAY WITH 4 COVERAGE REMOVED

330° ROTATION

30'-9 9/16" Y P I L

R 20'-0 1/4"  R 13'-4 3/16"  R 20'-9 1/4"

12'-6"

40"  40"  8'-3 1/2"

13'-4 3/16"  43 3/8" ±2

1300mm 1200mm

HEAVY DUTY SCALING BOOM 7'-0" EXTENSION

TYPICAL SCALING ROOF COVERAGE (3-5 TON SCALE) w/ SCALING HAMMER

WHA TEXT & DIM WAS CHANGED 09/17/01

66 16-17-25
DIMENSIONAL TOLERANCES IN INCHES
UNLESS OTHERWISE SPECIFIED:

- BREAK CORNERS: 0.005" - 0.015"
- DECIMALS: 0.X +/- 0.010.XXX +/- 0.005
- FRACTIONS: +/- 1/16"
- ANGLES: +/- 1 DEG.

PROJECTION ANGLE
UNLESS OTHERWISE SPECIFIED ALL STEEL
SPECIFICATIONS ARE:
HRS PLATE --- A36
HRS BAR --- A36 OR 1020
ALLOY BAR --- 4140/4142 HEAT TREATED

WELDING:
UNLESS SPECIFIED, ALL JOINTS ARE CONTINUOUS DOUBLE FILLET WELDS AT LEAST HALF THICKNESS OF THE THINNEST MEMBER.

SCALE
FILENAME
BY REVISION LEVEL DATE
DO NOT CHANGE MANUALLY

J. H. FLETCHER & CO.

DIESEL POWERED, NARROW ARTICULATED SCALING VEHICLE MODEL SV-4D

SHEET 2 of 2

09/11/01
66 16-17-25