

50' x 6" x 17' FLAT

10' x 8" H-BEAM 8' LONG

WHEEL TO AID IN
PULLING OFF WHICH

7" CHANNEL BED SUPPORT
7' LONG

6" CHANNEL-FLAT

WELDED TO 7" I-BEAM

2

7" CHANNEL
16' LONG

SEE DET

ground line

SIDE VIEW CHASSIS

8" SHEAVES: 7/8" PIN HOLE

POWER TAKE-OFF DRIVEN
WINCH WELDED OR BOLTED
ON TO FRAME (MINIMUM OF
12,000 LBS. SAFE WORKING
LOAD)

SMALL WHEEL TO
AID IN BACKING OFF
WRENCH

-5/8" X 4" X 2"

P.T.O. MUST BE SHIELDED

PULL-ON BEAM
8" I-BEAM
14' LONG
(MAY BE 13' LONG)

TOP VIEW CHASSIS

2 1/2 TON BLOCK WITH 10" SHEAVE AND SWIVEL HOOK (SHIELDED TYPE)

SECTION OF H-BEAM
CUT OUT AND TRUCK
AXLE WELDED IN PLACE

72- 8.25X20-10PLY TIRES PREFERRED
HEAVY END OF HUB CONNECTS WITH BEAM
IMPORTANT FOR MAXIMUM STRENGTH (WILL VARY
WITH TYPE OF AXLE USED)

PIN ASSEMBLY DETAIL

FULL FLOATING 1 1/2 TON TRUCK AXLE
H-BEAM SHOULD BE WELDED TO HEAVY
END OF HUB--TOP OF BEAM MAY HAVE
TO BE CUT AT AN ANGLE TO FIT

5/8" STOCK
BEARING WELDED IN END
OF TRUCK AXLE

THIS SLED DESIGNED TO HANDLE
4 TO 6 TON ROUND HAY STACKS.
STACKS ARE BUILT 16" IN DIAMETER
AND APPROX. 20" HIGH.

BASED ON: SOUTH DAKOTA STATE UNIV
PLAN NO. 548

COOPERATIVE EXTENSION WORK IN
AGRICULTURE AND HOME ECONOMICS

TILTING FLATBED HAYSLED

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