







MATCHING LEG CAPACITY TO OTHER GRAIN HANDLING EQUIPMENT SIZES

• • • • • • • • • • • • • • • • • • • •	Length or Height	Equipment Size Leg Capacity Bu/hr 1500 2500-3000		Power
18)		8-12"	12"	
19		8-12"	12"	
20		6"	811	
(21)		8-10"	10-12"	
* (22)		6-8"	8"	
* 23		6"	.8"	
* 24		6"x5"	6"x5"	
25)	a f	6"	8"	
26		6"	8"	

* see (13), (16), (17), sheet 4.

- 1. UNDERFLOOR BIN UNLOADING SYSTEM
- 2. INCLINED AUGER BIN UNLOADING SYSTEM
- 3. GRAIN HANDLING EQUIPMENT DATA
- 4. DUMP PIT CROSS CONVEYER AND HORIZONTAL AUGER TO LEG
- 5. DUMP PIT AND INCLINED CROSS CONVEYER TO LEG
- 6. SWING-AWAY HOPPER TRUCK DUMP AND INCLINED AUGER TO LEG
- 7. UNLOADING AUGER LENGTH (SEE 23, SHEET 2)
- 8. WET GRAIN HOLDING BIN
- 9. SELF CLEANING DEAD END
- 10. DISTRIBUTOR ACCESS SCAFFOLD
- 11. TWO-WAY VALVE TO DISTRIBUTER AND WET GRAIN HOLDING BIN
- 12. 16'-0" MIN. DRIVEWAY WIDTH
- 13. 4'-0" MIN. OR AS REQUIRED BY MANUFACTURE'S SPECIFICATIONS
- 14. RETAINING WALLS AS REQUIRED, TIE BOTH SIDES TOGETHER WITH 3/4" DIA. RODS @ 4'-0" O.C. 1'-O" BELOW SURFACE
- 15. LEG

(3)

- 16. GRADE LEVEL
- 17. 2'-0" MIN. OR AS REQUIRED BY MANUFACTURE'S SPECIFICATIONS
- 18. DUMP PIT CROSS CONVEYOR
- 19. CONVEYOR INTO STORAGE
- 20. SWEEP AND UNLOADING AUGER
- 21. CONVEYOR OUT OF STORAGE
- 22. WET BIN UNLOADING AUGER
- 23. DRYER UNLOADING AUGER
- 24. DRYER UNLOADING LEG (CUPS)
- 25. DISTRIBUTOR-10 HOLE, 45°
- 26. SPOUTS
- 27. LEG HEIGHT (SEE 22, SHEET 2)
- 28. ELEVATOR BOOT ON LEGS, SLIDE GATE TO CLEAN OUT UNDER

NOTES:

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RECOMMENDED LEG OPTIONS INCLUDE

- -PVC BELTING
- -SPLIT HEAD COVER
- -3' INSPECTION HATCH ON UP SIDE TRUNKING ABOVE BOOT
- MIN. SPOUT SLOPES RECOMMENDED

 - -40 DRY GRAIN -55 WET GRAIN
 - -FLOW RETARDERS ON LONG SPOUTS WHERE BEANS OR PEAS ARE TO BE HANDLED

COOPERATIVE EXTENSION SERVICE AGRICULTURE AND HOME ECONOMICS

AND
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

CIRCULAR GRAIN BIN LAYOUTS

CAN. 86 6384 SHEET 3 OF 4





