





MATCHING LEG CAPACITY TO OTHER GRAIN HANDLING EQUIPMENT SIZES

	Length or Height	Equipment Size Leg Dapacity Bu/hr 1500 Jyw.—Juco		Ромег
(18)		8-1- ² "	20"	
(19)		a-12"	1.57	
26)		6"	Šπ	
(21)		0~10°°	10-12"	
* (22)		68"	8"	
* (23)		6"	go.	
* (24)		6"x5"	6"x5"	
25)		6"	21.	
(26)		6"	Ą.·	

* see (3), (18), (7), sheet 4.

- 1. UNDERFLOOR BIN UNLOADING
- 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
- 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'-0" BELOW SURFACE
- 15. LE

(3)

- 16. GRADE LEVEL
- 17. 2'-0" MIN. OR AS REQUIRED BY MANUFACTURE'S SPECIFICATIONS
- 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:

(27)

(6)

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





