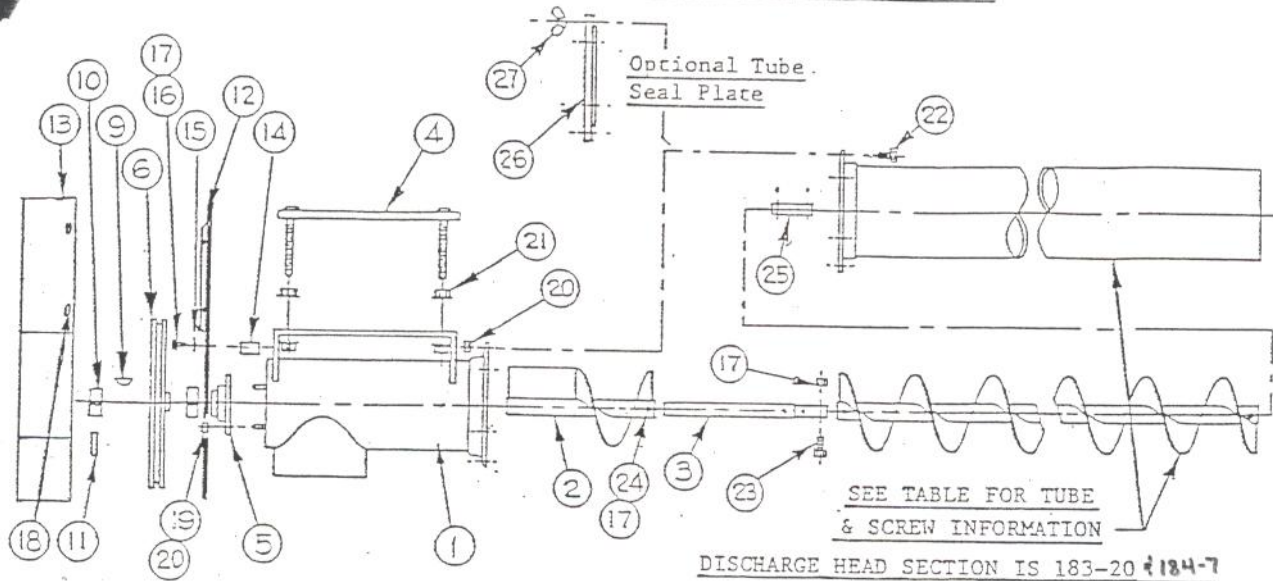




Powerhead

6-1-2001

PARTS SHEET FOR 6" BIN UNLOADING AUGER FLANGE-HEAD MODELS



BIN DIA.	18'	21'	24'	27'	30'	36'
TUBE NO. & LENGTH AS REC'D.	A17408 10'-0"	A17409 15'-0"	A17409 15'-0"	A17409 15'-0"	A17410 20'-0"	A17410 20'-0"
BASIC SCREW NO. & LENGTH AS REC'D.	A16625 10'-0"	A16626 15'-0"	A16626 15'-0"	A16626 15'-0"	A16627 20'-0"	A16627 20'-0"
EXT. SCREW NO. & LENGTH AS REC'D.	Not Req'd	Not Req'd	Not Req'd	Not Req'd	Not Req'd	Not Req'd
HOPPER EXT. *	A25687	Not Req'd	Not Req'd	A25687	Not Req'd	A25687
SCREW NO. & LENGTH	1'-0	Req'd	Req'd	1'-0	Req'd	1'-0

- | | |
|--|-----------------------------------|
| 1. A24409 DISCHARGE HEAD | 16. 1329 HHCS 1/2-20x1 3/4 |
| 2. A24411 DISCHARGE SCREW | 17. 1271 HEX LOCKNUT 1/2-20 |
| 3. 24415 DRIVE SHAFT | 18. 1319 SELF TAP SCREW 1/2x1 1/2 |
| 4. A24413 MOTOR PLATE | 19. 1214 CARR BOLT 5/16-18x3/4 |
| 5. A16878 7/8 BEARING | 20. 1273 HEX LOCKNUT 5/16-18 |
| 6. A30416 PULLEY (12"-18) OR A26324 (11.75"-28.) | 21. 1332 WHIZ NUT 1/2-13 |
| 9. 15304 WOODRUFF KEY 3/16 | 22. 1195 HHCS 5/16-18x3/4 GR5 |
| 10. 15502 THRUST COLLAR | 23. 23069 COUPLER BOLT |
| 11. 15389 SPRING PIN | 24. 1194 HHCS 1/2-20x1 1/2 GR5 |
| 12. 26999 BACKPLATE | 25. 15613 COUPLER SHAFT (A17510) |
| 13. A27496 BELT GUARD | 26. A20134 TUBE SEAL PLATE |
| 14. 23043 SPACER | 27. 1288 WING NUT 5/16-18 |
| 15. 14769 FENDER WASHER | |

- Recommended RPM of 6" Bin Unloading Auger is 580 R.P.M. A Motor Pulley of 4.25" O.D. and "B" Section, coupled with Drive Pulley, Key No. 6 will provide an RPM in this range.
- In normal operation, Auger Screw exposure will be 4-6" into the Under-Bin Hopper and the capacity is controlled with a Slide Gate on the Under-Bin Hopper. If a Slide Gate is not used, capacity will have to be regulated by varying the amount of exposed Auger Screw in Under-Bin Hopper.
- When Discharge Head is removed for any length of time, the Optional Tube Seal Plate, Key No. 26 is recommended to seal off end of Tube. Use 9 Bolts and Wing Nuts.

A20132 OPTIONAL BIN SEAL PLATE

The Bin Seal Plate provides more support for Auger Tube where it goes through bin wall, and with use of some type of sealing or caulking material between it and bin wall, a better seal of the bin can be made.

