

**MAC TRAILER MANUFACTURING, INC.,**

14599 Commerce Street

Alliance, Ohio 44601

**VIN DECODER**

POSITIONS 1-3 = "5MA" WORLD MANUFACTURING IDENTIFIER

POSITION 4 = 'TRAILER TYPE - Assigned by the Trailer Model in Quote Models Table

D = STEEL OR ALUMINUM BODY DUMP TRAILER – KINGPIN STYLE HOOKUP

ALUMINUM FRAMELESS HALF ROUND DUMP  
ALUMINUM STRAIGHT TRUCK HALF ROUND DUMP BODY  
FRAME TYPE ALUMINUM HALF ROUND DUMP  
FRAME TYPE LEAD TRAILER ALUMINUM SHEET & POST DUMP  
FRAME TYPE LEAD TRAILER ALUMINUM SMOOTH SIDE DUMP  
FRAME TYPE MVP ALUMINUM SMOOTH SIDE DUMP  
FRAME TYPE MVP SS COAL BUCKET DUMP  
FRAME TYPE PUP TRAILER ALUMINUM SHEET & POST DUMP  
FRAME TYPE PUP TRAILER ALUMINUM SMOOTH SIDE DUMP  
FRAME TYPE ALUMINUM SHEET & POST DUMP  
FRAME TYPE ALUMINUM SHEET & POST COAL BUCKET DUMP  
FRAMELESS MVP ALUMINUM SMOOTH SIDE DUMP  
FRAMELESS ALUMINUM SHEET & POST DUMP  
CANADIAN FRAME TYPE MVP SMOOTH SIDE  
STEEL FRAME TYPE 22 RADIUS DUMP  
STEEL FRAME TYPE 22 RADIUS LEAD DUMP  
STEEL FRAME TYPE 22 RADIUS LEAD DUMP  
STEEL FRAME TYPE 22 RADIUS PUP DUMP  
STEEL FRAME TYPE 22 RADIUS PUP DUMP  
STEEL FRAMELESS 22 RADIUS DUMP  
STEEL FRAMELESS HALF ROUND DUMP  
STEEL HALF ROUND FRAME TYPE DUMP  
STEEL HALF ROUND FRAME TYPE LEAD DUMP  
STEEL HALF ROUND FRAME TYPE PUP DUMP  
STEEL STRAIGHT TRUCK 22 RADIUS BODY DUMP  
STRAIGHT TRUCK MVP SMOOTH SIDE BODY DUMP  
STRAIGHT TRUCK SHEET & POST DUMP BODY

T = PNEUMATIC DRY BULK TRAILER – KINGPIN STYLE HOOKUP

1050C PNEUMATIC TANKER  
1050S PNEUMATIC TANKER  
1250C PNEUMATIC TANKER  
1250S PNEUMATIC TANKER  
1350S PNEUMATIC TANKER  
PNEUMATIC VACUUM FOOD GRADE TANKER

M = TRANSFER REFUSE TRAILERS (MOVER OR TIPPER STYLE) – KINGPIN STYLE HOOKUP

MOVINGFLOOR MVP SMOOTH SIDE  
MOVINGFLOOR MVP SMOOTH SIDE MULTI  
MOVINGFLOOR SHEET & POST  
MOVINGFLOOR SHEET & POST COMPACTOR  
MOVINGFLOOR SHEET & POST MULTI  
MOVINGFLOOR SMOOTH SIDE COMPACTOR  
TIPPER MVP SMOOTH SIDE  
TIPPER MVP SMOOTH SIDE COMPACTOR  
TIPPER SHEET & POST

TIPPER SHEET & POST COMPACTOR  
TIPPER SHEET & POST MULTI  
P = FLATBED/PLATFORM TRAILERS – KINGPIN STYLE HOOKUP  
FLATBED  
FLATBED SPIF CANADIAN  
FLATBED SPIF CANADIAN-MICHIGAN  
FLATBED TYPE EXTENDABLE  
FLATBED TYPE LEAD  
FLATBED TYPE PUP  
FLATBED ROAD WARRIOR  
S = DROP DECK TRAILERS - KINGPIN STYLE HOOKUP  
DROP DECK  
DROP DECK B TRAIN LEAD  
B = BREAK AWAY DOLLY – DRAW BAR TO KINGPIN STYLE HOOKUP

POSITION 5 = 'FRAME TYPE - Assigned by the Trailer Model in Quote Models Table

A = BODY WITH ALUMINUM FRAME  
S = BODY WITH STEEL FRAME  
N = FRAMELESS BODY

POSITION 6-7 = TRAILER LENGTH IN FEET

POSITION 8 = NUMBER OF AXLES

POSITION 9 = CHECK DIGIT CALCULATED AFTER ALL OTHER VALUES ARE FOUND

POSITION 10 = MODEL YEAR USES CHART

Case 2012 : = "C"  
Case 2013 : = "D"  
Case 2014 : = "E"  
Case 2015 : = "F"  
Case 2016 : = "G"  
Case 2017 : = "H"  
Case 2018 : = "J"  
Case 2019 : = "K"  
Case 2020 : = "L"  
Case 2021 : = "M"  
Case 2022 : = "N"  
Case 2023 : = "P"  
Case 2024 : = "R"  
Case 2025 : = "S"  
Case 2026 : = "T"  
Case 2027 : = "U"  
Case 2028 : = "V"  
Case 2029 : = "W"  
Case 2030 : = "X"  
Case 2031 : = "Y"  
Case 2032 : = "Z"

POSITION 11 = PLANT OF MANUFACTURE

|   |                                |
|---|--------------------------------|
| A | Salem, Allen Road 20           |
| B | Billings, Sub Contract 20      |
| C | Alliance, Corporate 10         |
| G | Alliance, St Trk Bodies 15     |
| H | Oklahoma 90                    |
| I | Paton Iowa 40                  |
| K | Oklahoma, Sub Contract 70      |
| L | Lima, Sub Contract 10          |
| M | Oklahoma, Sub Contract 20      |
| O | Alliance, Research&Dev 59      |
| P | Portland, Oregon 43            |
| R | Trailstar, Sub Contract 10     |
| S | West Virginia, Sub Contract 10 |
| T | Kent, Sub Contract 10          |
| V | Alliance, Service 50           |
| W | Alliance, Main Street 70       |
| X | Rhome, Texas 55                |
| Y | LTT MFG, Billings MT           |
| Z | LTT INC, Kent OH               |

POSITION 12-17 SEQUENTIAL PRODUCTION NUMBER

CHECK DIGIT CALCULATION

```
decChar1 = Process to Sub(strChar1) * 8
decChar2 = Process to Sub(strChar2) * 7
decChar3 = Process to Sub(strChar3) * 6
decChar4 = Process to Sub(strChar4) * 5
decChar5 = Process to Sub(strChar5) * 4
decChar6 = Process to Sub(strChar6) * 3
decChar7 = Process to Sub(strChar7) * 2
decChar8 = Process to Sub(strChar8) * 10
decChar9 = Process to Sub(strChar9)
decChar10 = Process to Sub(strChar10) * 9
decChar11 = Process to Sub(strChar11) * 8
decChar12 = Process to Sub(strChar12) * 7
decChar13 = Process to Sub(strChar13) * 6
decChar14 = Process to Sub(strChar14) * 5
decChar15 = Process to Sub(strChar15) * 4
decChar16 = Process to Sub(strChar16) * 3
decChar17 = Process to Sub(strChar17) * 2
:= decChar1 + decChar2 + decChar3 + decChar4 + decChar5 + decChar6 + decChar7 + decChar8 + decChar10 +
decChar11 + decChar12 + decChar13 + decChar14 + decChar15 + decChar16 + decChar17
:= Decimal.Remainder(decCheckDigit, 11)
If 10 Then
    = "X"
Else
    := Decimal.Round(decCheckDigit, 1)
    := decCheckDigit
End If
```

SUB FOR CHECK DIGIT CALCULATION

```
Case "A", "J", 1
```

= 1  
Case "B", "K", "S", 2  
= 2  
Case "C", "L", "T", 3  
= 3  
Case "D", "M", "U", 4  
= 4  
Case "E", "N", "V", 5  
= 5  
Case "F", "W", 6  
= 6  
Case "G", "P", "X", 7  
= 7  
Case "H", "Y", 8  
= 8  
Case "R", "Z", 9  
= 9  
Case "O"  
= 0