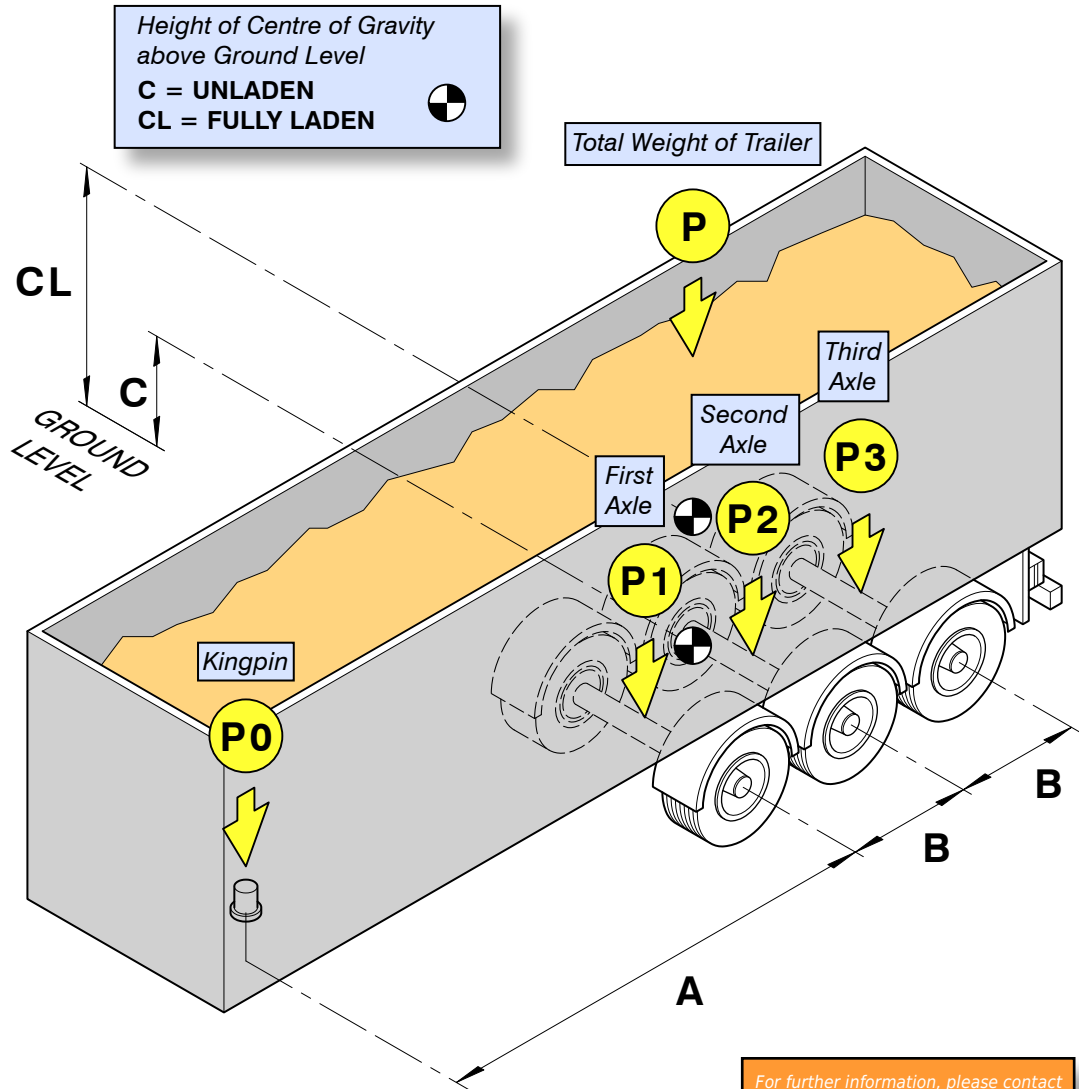


BRAKE CALCULATION SHEET SEMI-TRAILERS



Height of Centre of Gravity above Ground Level
C = UNLADEN
CL = FULLY LADEN

For further information, please contact our technical department:
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TRAILER DETAILS (Please tick the boxes where appropriate)

- TRAILER MANUFACTURER
- TRAILER TYPE
- NUMBER OF AXLES ONE TWO THREE
- AXLE MANUFACTURER
- AXLE TYPE
- TYRE SIZE
- BRAKE SHOE SIZE, OR BRAKE DISC DIAMETER

| | FIRST AXLE | SECOND AXLE | THIRD AXLE |
|-----------------------------------|---|--|--------------------------------|
| 8. BRAKE CHAMBER SIZE/TYPE | | | |
| 9. BRAKE LEVER LENGTH | | | |
| 10. TYPE OF SUSPENSION | <input type="checkbox"/> AIR SUSPENSION | <input type="checkbox"/> MECHANICAL SUSPENSION | |
| 11. IS LIFT-AXLE FITTED? | <input type="checkbox"/> YES | <input type="checkbox"/> NO | |
| 12. IF YES, WHICH AXLE? | <input type="checkbox"/> FIRST | <input type="checkbox"/> SECOND | <input type="checkbox"/> THIRD |
| 13. IS LOAD-SENSING VALVE FITTED? | <input type="checkbox"/> YES | <input type="checkbox"/> NO | |
| 14. IF YES, PLEASE STATE TYPE | | | |
| 15. IS ABS FITTED? | <input type="checkbox"/> YES | <input type="checkbox"/> NO | |
| 16. IF YES, PLEASE STATE TYPE | | | |
| 17. ABS VOLTAGE | <input type="checkbox"/> 12-VOLT | <input type="checkbox"/> 24-VOLT | |

TRAILER DIMENSIONS

| | |
|--------------------------------|--------|
| 18. "A" KINGPIN TO FIRST AXLE | METRES |
| 19. "B" DISTANCE BETWEEN AXLES | METRES |

CENTRE OF GRAVITY

| | |
|---|--------|
| 20. "C" HEIGHT OF CENTRE OF GRAVITY, UNLADEN | METRES |
| 21. "CL" HEIGHT OF CENTRE OF GRAVITY, FULLY LADEN | METRES |

| WEIGHTS | LADEN | UNLADEN |
|------------------------------|-------|---------|
| 22. "P" TOTAL TRAILER WEIGHT | | |
| 23. "P0" KINGPIN | | |
| 24. "P1" FIRST AXLE | | |
| 25. "P2" SECOND AXLE | | |
| 26. "P3" THIRD AXLE | | |

| FOR AIR SUSPENSION ONLY | LADEN | UNLADEN |
|-------------------------|-------|---------|
| 27. AIR BAG PRESSURE | | |

FOR MECHANICAL SUSPENSION ONLY

| |
|---|
| 28. SPRING DEFLECTION, UNLADEN TO LADEN |
|---|