

Transmission Heavy-Duty Automated

**Extended
Protection Plans
AVAILABLE**
See page 32.

Ratios & Steps

| UltraShift® PLUS Models | Reverse | | | | Overall Ratio | Forward Gears | | | | | | | | | | | | | | | | | | | |
|-------------------------------|---------|------|-------|-------|------------------|---------------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|--|
| | R4 | R3 | R2 | R1 | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | | |
| LAS 10B | | | 3.89 | 18.18 | 15.42 | 15.42 | 11.52 | 8.55 | 6.28 | 4.67 | 3.30 | 2.46 | 1.83 | 1.34 | 1.00 | | | | | | | | | | |
| | | | | | % Step | 34 | 35 | 36 | 34 | 42 | 34 | 35 | 36 | 34 | | | | | | | | | | | |
| LAS 10C | | | 2.78 | 13.63 | 17.53 | 12.80 | 9.25 | 6.76 | 4.90 | 3.58 | 2.61 | 1.89 | 1.38 | 1.00 | 0.73 | | | | | | | | | | |
| | | | | | % Step | 38 | 37 | 38 | 37 | 37 | 38 | 37 | 38 | 37 | | | | | | | | | | | |
| VAS | | | 2.78 | 13.63 | 17.53 | 12.80 | 9.25 | 6.76 | 4.90 | 3.58 | 2.61 | 1.89 | 1.38 | 1.00 | 0.73 | | | | | | | | | | |
| | | | | | % Step | 38 | 37 | 38 | 37 | 37 | 38 | 37 | 38 | 37 | | | | | | | | | | | |
| VCS | | 2.89 | 9.85 | 15.22 | 19.68 | 14.56 | 9.42 | 6.24 | 4.63 | 3.40 | 2.53 | 1.83 | 1.36 | 1.00 | 0.74 | | | | | | | | | | |
| | | | | | % Step | 55 | 51 | 35 | 36 | 34 | 38 | 35 | 36 | 34 | | | | | | | | | | | |
| VMS | | 3.43 | 13.03 | 20.84 | 35.73 | 26.08 | 16.30 | 11.85 | 7.41 | 5.23 | 3.79 | 2.77 | 1.95 | 1.38 | 1.00 | 0.73 | | | | | | | | | |
| | | | | | % Step | 60 | 37 | 60 | 38 | 36 | 37 | 42 | 42 | 38 | 37 | | | | | | | | | | |
| MHP | | 4.03 | 12.85 | 15.06 | 16.84 | 12.29 | 8.51 | 6.05 | 4.38 | 3.20 | 2.29 | 1.95 | 1.62 | 1.38 | 1.17 | 1.00 | 0.86 | 0.73 | | | | | | | |
| | | | | | % Step | 44 | 41 | 38 | 37 | 40 | 17 | 20 | 17 | 18 | 17 | 16 | 17 | | | | | | | | |
| VHP | | 4.03 | 12.85 | 15.06 | 16.84 | 12.29 | 8.51 | 6.05 | 4.38 | 3.20 | 2.29 | 1.95 | 1.62 | 1.38 | 1.17 | 1.00 | 0.86 | 0.73 | | | | | | | |
| | | | | | % Step | 44 | 41 | 38 | 37 | 40 | 17 | 20 | 17 | 18 | 17 | 16 | 17 | | | | | | | | |
| LSE | | | 12.85 | 15.06 | 14.40 | 14.40 | 12.29 | 8.51 | 7.26 | 6.05 | 5.16 | 4.38 | 3.74 | 3.20 | 2.73 | 2.28 | 1.94 | 1.62 | 1.38 | 1.17 | 1.00 | | | | |
| | | | | | % Step | 17 | 44 | 17 | 20 | 17 | 38 | 17 | 17 | 17 | 20 | 17 | 20 | 17 | 18 | 17 | 18 | 17 | | | |
| MXP 18A | 2.99 | 3.50 | 11.17 | 13.09 | 16.70 | 12.19 | 10.40 | 8.51 | 7.26 | 6.05 | 5.16 | 4.38 | 3.74 | 3.20 | 2.73 | 2.28 | 1.94 | 1.62 | 1.38 | 1.17 | 1.00 | 0.86 | 0.73 | | |
| | | | | | % Step | 17 | 17 | 17 | 18 | 17 | 20 | 17 | 20 | 17 | 17 | 17 | 18 | 17 | 20 | 17 | 20 | 17 | 22 | 17 | |
| MXP 18B | 3.43 | 4.03 | 12.85 | 15.06 | 19.73 | 14.40 | 12.29 | 8.51 | 7.26 | 6.05 | 5.16 | 4.38 | 3.74 | 3.20 | 2.73 | 2.28 | 1.94 | 1.62 | 1.38 | 1.17 | 1.00 | 0.86 | 0.73 | | |
| | | | | | % Step | 17 | 44 | 17 | 20 | 17 | 18 | 17 | 17 | 17 | 20 | 18 | 20 | 17 | 18 | 17 | 17 | 16 | 17 | | |
| VXP | 3.43 | 4.03 | 12.85 | 15.06 | 19.73 | 14.40 | 12.29 | 8.51 | 7.26 | 6.05 | 5.16 | 4.38 | 3.74 | 3.20 | 2.73 | 2.28 | 1.94 | 1.62 | 1.38 | 1.17 | 1.00 | 0.86 | 0.73 | | |
| | | | | | % Step | 17 | 44 | 17 | 20 | 17 | 18 | 17 | 17 | 17 | 20 | 18 | 20 | 17 | 18 | 17 | 17 | 16 | 17 | | |

| Model Family | Lbs-Ft Max TQ (Nm) | Max Engine HP | Forward Speed | Max GCW (lbs) | Severe Duty | | | | | | | | | | | | Construction | Pickup & Delivery | Bus & Coach | | | | | | |
|---------------------|--------------------|---------------|---------------|-------------------|-------------|------------|---------|--------|-----------|--------|--------------|-------------|------------|---------------|--------------|--|--------------|-------------------|-------------|--|--|--|--|--|--|
| | | | | | Linehaul | Heavy Haul | Logging | Mining | Oil Field | Refuse | Agricultural | Off Highway | School Bus | Transit Coach | Recreational | | | | | | | | | | |
| Heavy Duty | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ultrashift PLUS VAS | 1650 (2237) | 600 | 10 | 110,000 [49895kg] | | | | | | | | | | | | | | | | | | | | | |
| Ultrashift PLUS LAS | 1650 (2237) | 600 | 10 | 110,000 [49895kg] | | | | | | | | | | | | | | | | | | | | | |
| Ultrashift PLUS VCS | 1750 (2373) | 600 | 10 | 110,000 [49895kg] | | | | | | | | | | | | | | | | | | | | | |
| Ultrashift PLUS VMS | 1750 (2373) | 600 | 11 | 110,000 [49895kg] | | | | | | | | | | | | | | | | | | | | | |
| Ultrashift PLUS MHP | 2050 (2779) | 700 | 13 | 140,000 [63503kg] | | | | | | | | | | | | | | | | | | | | | |
| Ultrashift PLUS VHP | 2050 (2779) | 700 | 13 | 140,000 [63503kg] | | | | | | | | | | | | | | | | | | | | | |
| Ultrashift PLUS LSE | 1750 (2373) | 500 | 16 | 110,000 [49895kg] | | | | | | | | | | | | | | | | | | | | | |
| Ultrashift PLUS MXP | 2250 (3051) | 700 | 18 | unlimited | | | | | | | | | | | | | | | | | | | | | |
| Ultrashift PLUS VXP | 2250 (3051) | 700 | 18 | unlimited | | | | | | | | | | | | | | | | | | | | | |