

# SERIE HE+

| MODELS                                 | 1 AUGER ONLY     |                      |                      |                      |                      | 1 OR 2 AUGERS              |
|--|------------------|----------------------|----------------------|----------------------|----------------------|----------------------------|
|  | N78-260HE+       | N86-280HE+           | N92-280HDE+          | N92-310HE+           | N98-310HE+           | N98-341HE+<br>N98-342HE+   |
| Recommended horsepower (HP PTO)        | 40 @ 75          | 60 @ 85              | 75 @ 120             | 85 @ 140             | 85 @ 140             | 100 @ 160                  |
| Cutting width (in/mm)                  | 78" 1981         | 86" 2184             | 92" 2337             | 92" 2337             | 98" 2489             | 98" 2489                   |
| Overall width (in/mm)                  | 82" 2083         | 90" 2286             | 96" 2438             | 96" 2438             | 102" 2591            | 102" 2591                  |
| Cutting height (in/mm)                 | 32 1/2" 826      | 36" 914              | 36" 914              | 38" 965              | 38" 965              | 48" 1219                   |
| Impeller RPM                           | 540              | 540                  | 540                  | 540                  | 540                  | 540                        |
| Impeller diameter (in/mm)              | 26" 660          | 28 1/2" 724          | 28 1/2" 724          | 31" 787              | 31" 787              | 34" 864                    |
| Impeller depth (in/mm)                 | 11" 279          | 12" 305              | 12" 305              | 14 1/4" 362          | 14 1/4" 362          | 14 1/4" 362                |
| Number of blades                       | 4                | 4                    | 4                    | 5                    | 5                    | 5                          |
| Impeller shaft diameter (in/mm)        | 1 9/16" 40       | 1 9/16" 40           | 2" 51                | 2" 51                | 2" 51                | 2" 51                      |
| Balanced impeller                      | Std              | Std                  | Std                  | Std                  | Std                  | Std                        |
| Drum center height (in/mm)             | 15 1/2" 394      | 17 3/4" 451          | 17 3/4" 451          | 19 1/2" 495          | 19 1/2" 495          | 22" 559                    |
| Cylinder for chute (deflector) (in/mm) | 2" x 6" 51 X 152 | 2 1/2" X 8" 64 X 203 | 2 1/2" X 8" 64 X 203 | 2 1/2" X 8" 64 X 203 | 2 1/2" X 8" 64 X 203 | 2 1/2" X 8" 64 X 203       |
| Chute rotation by hydraulic motor      | Std              | Std                  | Std                  | Std                  | Std                  | Std                        |
| Hydraulic deflector                    | Std              | Std                  | Std                  | Std                  | Std                  | Std                        |
| Manual deflector                       | Opt.             | Opt.                 | Opt.                 | Opt.                 | Opt.                 | Opt.                       |
| Semi industrial chute (2 deflectors)   | Std              | Std                  | Std                  | Std                  | Std                  | Std                        |
| Hydraulic telescopic chute             | -                | Opt.                 | Opt.                 | Opt.                 | Opt.                 | Opt.                       |
| Hoses holder                           | Std              | Std                  | Std                  | Std                  | Std                  | Std                        |
| Main auger diameter (in/mm)            | 19 1/2" 495      | 23" 584              | 23" 584              | 23" 584              | 23" 584              | 23" 584                    |
| Upper auger diameter                   | -                | -                    | -                    | -                    | -                    | - / 17" 432                |
| Balanced auger                         | Std              | Std                  | Std                  | Std                  | Std                  | Std                        |
| Reversible carbon steel blade          | Std              | Std                  | Std                  | Std                  | Std                  | Std                        |
| Reversible Hardox 450 blade            | Opt.             | Opt.                 | Opt.                 | Opt.                 | Opt.                 | Opt.                       |
| Reversible stainless steel blade       | Opt.             | Opt.                 | Opt.                 | Opt.                 | Opt.                 | Opt.                       |
| Tivar blade                            | Opt.             | Opt.                 | Opt.                 | Opt.                 | Opt.                 | Opt.                       |
| Adjustable carbon steel skid shoes     | Std              | Std                  | Std                  | Std                  | Std                  | Std                        |
| Adjustable Hardox 450 skid shoes       | Opt.             | Opt.                 | Opt.                 | Opt.                 | Opt.                 | Opt.                       |
| Adjustable stainless steel skid shoes  | Opt.             | Opt.                 | Opt.                 | Opt.                 | Opt.                 | Opt.                       |
| Adjustable Tivar skid shoes            | Opt.             | Opt.                 | Opt.                 | Opt.                 | Opt.                 | Opt.                       |
| Driving chain number                   | 60               | 80                   | 80                   | 80                   | 80                   | 100                        |
| Storage foot                           | Std              | Std                  | Std                  | Std                  | Std                  | Std                        |
| Number of safety bolts                 | 2                | 2                    | 3                    | 3                    | 3                    | 3                          |
| Bearing ductile iron casing            | Std              | Std                  | Std                  | Std                  | Std                  | Std                        |
| Shaft P.T.O. standard                  | T60              | T60                  | T80                  | T80                  | T80                  | T80                        |
| 1 000 @ 540 reducer box                | -                | Opt.                 | Opt.                 | Opt.                 | Opt.                 | Opt.                       |
| Adjustable hitch                       | Std              | Std                  | Std                  | Std                  | Std                  | Std                        |
| Hitch category (QH = quick hitch)      | 1, 1QH, 2        | 2, QH                | 2, QH                | 2, QH                | 2, QH                | 2, QH                      |
| Approx weight (lbs/kg)                 | 1148 / 521       | 1847 / 838           | 2090 / 948           | 2343 / 1063          | 2450 / 1111          | 2547 / 1155<br>2462 / 1117 |

The weight includes the scraper blade but doesn't include chute and accessories. Specifications are subject to change without notice.



HITCH YOUR TRACTOR TO HIGH PERFORMANCE



## WARRANTY

Every product manufactured by Normand Co. Ltd is guaranteed against manufacturing and raw material defects (excluding the P.T.O. shafts, gearboxes, engines, hydraulic motors, hydraulic cylinders, telescopic cylinders, tires, hubs and wheels, which are covered by the manufacturer warranty) for a full year from the date of purchase, provided that the product has not been modified or abused in any way. This warranty does not cover accidents or breaks caused by objects other than snow (metal bits, concrete, wood, asphalt, tires, etc.). Also blades, skid shoes, soles of skid shoes, driving chains and tires wear is not covered by the warranty. We will replace or repair any defective part at no cost if they are returned prepaid at our plant in Saint-Pascal (Kamouraska, Québec, Canada). Our obligations are limited to the replacement and/or repair of the defective part.



DEALER



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# HE+ SERIES

## SNOWBLOWERS WITH SCRAPER BLADE

CREATED AND DEVELOPED BY A SNOW REMOVAL COMPANY, THE SCRAPER BLADE ESSA + PATENTED AND USED SINCE 2002, ADDED TO A NORMAND SNOWBLOWER IS AN EVOLVED, COMPLETE AND VERSATILE TOOL.

THE SNOWBLOWER OF THE HE+ SERIES KEEP THE SAME SPECIFICATIONS AS THE NORMAND SNOWBLOWERS H SERIES MAKING IT THE FASTEST, MOST EFFECTIVE, ROBUST, HIGH PERFORMANCE SNOW REMOVAL TOOL ON THE MARKET.



DEPLOYED TO THE FRONT OF THE SNOWBLOWER, THE SCRAPER BLADE ESSA + IS THE ONLY ONE MAKING IT POSSIBLE TO PICK UP THE SNOW FURTHER AHEAD AND AVOIDING TO LEAVE PILES OF UNDESIRED SNOW IN FRONT OF GARAGE DOORS OR OTHER OBSTACLES.

THE SCRAPER BLADE DEPLOYED ALSO ALLOWS YOU TO START FORWARD WITHOUT DELAY, INCREASING YOUR SPEED OF EXECUTION WHILE PROVIDING A BETTER QUALITY OF SURFACE CLEANING AND BETTER SERVICE.

THE SCRAPER BLADE, IN THE RAISED POSITION, ALLOWS THE USE OF THE SNOWBLOWER ITS FULL CUTTING HEIGHT. (FOR SNOW BLOWERS WITH 1 AUGER)



HARDOX 450 STEEL  
3-POINTS HITCH & IMPELLER

HARDOX 450 STEEL  
BLADE SIDES AND  
REINFORCEMENT PARTS

THE ESSA + SCRAPER BLADE CONSISTS OF HARDOX 450 STEEL OFFERING LIGHT WEIGHT, STRENGTH AND EXCELLENT DURABILITY.

HARDOX 450 STEEL  
REINFORCEMENT PARTS

BLADE ARTICULATIONS ARE  
GREASABLE, ROBUST AND DURABLE.

ANTI FOG  
REMOVABLE  
FRONT PANEL  
AVAILABLE



THE SCRAPER BLADE IS EASILY REMOVABLE. THE BODY OF THE SCRAPER CAN BE REMOVED SIMPLY BY REMOVING TWO ATTACHMENT PINS. THEREFORE THE SNOWBLOWER MAY BE USED CONVENTIONALLY.

THE CYLINDERS ARE POSITIONED SO THAT THEY OPTIMIZE THE STRENGTH, THE ROBUSTNESS AND THE DURABILITY OF THESE AND POINTS OF ARTICULATION.

HYDRAULIC CHUTE  
ROTATION WITH  
GEARS AND MOTOR  
WITH CUSHION VALVE

THE ESSA + SCRAPER BLADE IS POWERED BY TWO CYLINDERS THAT CAN MOVE DOWN THE SCRAPER BLADE AND RAISE THE BLOWER 7 1/2" WHEN THE SCRAPER BLADE IS LOWERED TO THE MAXIMUM.

7 1/2"

OF SERIES, RUBBER BLADES ARE FIXED OVER THE ENTIRE WIDTH OF THE SCRAPER AND ALONG THE SIDES. THE VERY RESISTANT RUBBER PROTECTS THE ASPHALT AND PAVEMENT STREAKS AND TRACES OF RUST AND ALSO OFFERS AN INCOMPARABLE QUALITY OF SURFACE CLEANING.

## HITCH YOUR TRACTOR TO HIGH PERFORMANCE