

# WLL WELDABLE LIFTING POINTS.

| Number of strands |              | 1    | 2    | 1    | 2    | 2     | 2      | 2               | 3 + 4 | 3 + 4  | 3 + 4           |
|-------------------|--------------|------|------|------|------|-------|--------|-----------------|-------|--------|-----------------|
| Load direction    |              | 0°   | 0°   | 90°  | 90°  | 0-45° | 45-60° | non-symmetrical | 0-45° | 45-60° | non-symmetrical |
| Type              | Welding seam |      |      |      |      |       |        |                 |       |        |                 |
| <b>WPP / WPPH</b> |              |      |      |      |      |       |        |                 |       |        |                 |
| WPP- / WPPH-0.63t | 4            | 0.63 | 1.26 | 0.63 | 1.26 | 0.88  | 0.63   | 0.63            | 1.32  | 0.95   | 0.63            |
| WPP- / WPPH-1.5t  | 5            | 1.5  | 3    | 1.5  | 3    | 2.1   | 1.5    | 1.5             | 3.15  | 2.25   | 1.5             |
| WPP- / WPPH-2.5t  | HY3+5        | 2.5  | 5    | 2.5  | 5    | 3.5   | 2.5    | 2.5             | 5.25  | 3.75   | 2.5             |
| WPP- / WPPH-4t    | HY3+6        | 4    | 8    | 4    | 8    | 5.6   | 4      | 4               | 8.4   | 6      | 4               |
| WPP- / WPPH-5t    | HY3+8        | 6.7  | 13.4 | 5    | 10   | 7.1   | 5      | 5               | 10.6  | 7.5    | 5               |
| WPP- / WPPH-8t    | HY3+10       | 10   | 20   | 8    | 16   | 11.2  | 8      | 8               | 17    | 11.8   | 8               |
| <b>VLBS</b>       |              |      |      |      |      |       |        |                 |       |        |                 |
| VLBS-1.5t         | HV5+3        | 1.5  | 3    | 1.5  | 3    | 2.1   | 1.5    | 1.5             | 3.15  | 2.25   | 1.5             |
| VLBS-2.5t         | HV7+3        | 2.5  | 5    | 2.5  | 5    | 3.5   | 2.5    | 2.5             | 5.25  | 3.75   | 2.5             |
| VLBS-4t           | HV8+3        | 4    | 8    | 4    | 8    | 5.6   | 4      | 4               | 8.4   | 6      | 4               |
| VLBS-6.7t         | HV12+4       | 6.7  | 13.4 | 6.7  | 13.4 | 9.5   | 6.7    | 6.7             | 14.1  | 10     | 6.7             |
| VLBS-10t          | HV16+4       | 10   | 20   | 10   | 20   | 14    | 10     | 10              | 21.2  | 15     | 10              |
| VLBS-16t          | HV25+6       | 16   | 32   | 16   | 32   | 22.4  | 16     | 16              | 33.6  | 24     | 16              |
| <b>VRBS-FIX</b>   |              |      |      |      |      |       |        |                 |       |        |                 |
| VRBS-FIX-4t       | HY3          | 4    | 8    | 4    | 8    | 5.6   | 4      | 4               | 8.4   | 6      | 4               |
| VRBS-FIX-6.7t     | HY5          | 6.7  | 13.4 | 6.7  | 13.4 | 9.5   | 6.7    | 6.7             | 14.1  | 10     | 6.7             |
| VRBS-FIX-10t      | HY6          | 10   | 20   | 10   | 20   | 14    | 10     | 10              | 21.2  | 15     | 10              |
| VRBS-FIX-16t      | HY9          | 16   | 32   | 16   | 32   | 22.4  | 16     | 16              | 33.6  | 24     | 16              |
| VRBS-FIX-31.5t    | HY19         | 31.5 | 63   | 31.5 | 63   | 45    | 31.5   | 31.5            | 67    | 47.5   | 31.5            |
| VRBS-FIX-50t      | HY25+8       | 50   | 100  | 50   | 100  | 70    | 50     | 50              | 105   | 75     | 50              |
| VRBS-FIX-100t     | HY28         | 100  | 200  | 100  | 200  | 140   | 100    | 100             | 210   | 150    | 100             |
| <b>VRBK-FIX</b>   |              |      |      |      |      |       |        |                 |       |        |                 |
| VRBK-FIX-4t       | HY3+4        | 4    | 8    | 4    | 8    | 5.6   | 4      | 4               | 8.4   | 6      | 4               |
| VRBK-FIX-6.7t     | HY5+3        | 6.7  | 13.4 | 6.7  | 13.4 | 9.5   | 6.7    | 6.7             | 14.1  | 10     | 6.7             |
| VRBK-FIX-10t      | HY8+3        | 10   | 20   | 10   | 20   | 14    | 10     | 10              | 21.2  | 15     | 10              |
| VRBK-FIX-16t      | HY10         | 16   | 32   | 16   | 32   | 22.4  | 16     | 16              | 33.6  | 24     | 16              |
| VRBK-FIX-31.5t    | HY17         | 31.5 | 63   | 31.5 | 63   | 45    | 31.5   | 31.5            | 67    | 47.5   | 31.5            |
| VRBK-FIX-50t      | HY25         | 50   | 100  | 50   | 100  | 70    | 50     | 50              | 105   | 75     | 50              |

Maximum transport weight "G" in [t] with different lifting methods.



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| Number of strands |              | 1                    | 2                     | 1                    | 2                     | 2                        | 2                      | 2                      | 3 + 4                    | 3 + 4                   | 3 + 4                  |
|-------------------|--------------|----------------------|-----------------------|----------------------|-----------------------|--------------------------|------------------------|------------------------|--------------------------|-------------------------|------------------------|
| Load direction    |              | 0°                   | 0°                    | 90°                  | 90°                   | 0-45°                    | 45-60°                 | non-symmetrical        | 0-45°                    | 45-60°                  | non-symmetrical        |
| Type              | Welding seam |                      |                       |                      |                       |                          |                        |                        |                          |                         |                        |
| <b>W-ABA</b>      |              |                      |                       |                      |                       |                          |                        |                        |                          |                         |                        |
| W-ABA-0.8t        | 3            | 0.8 (2) <sup>1</sup> | 1.6 (4) <sup>1</sup>  | 0.8 (2) <sup>1</sup> | 1.6 (4) <sup>1</sup>  | 1.12 (2.8) <sup>1</sup>  | 0.8 (2) <sup>1</sup>   | 0.8 (2) <sup>1</sup>   | 1.7 (4.25) <sup>1</sup>  | 1.18 (3) <sup>1</sup>   | 0.8 (2) <sup>1</sup>   |
| W-ABA-1.6t        | 4            | 1.6 (4) <sup>1</sup> | 3.2 (8) <sup>1</sup>  | 1.6 (4) <sup>1</sup> | 3.2 (8) <sup>1</sup>  | 2.2 (5.6) <sup>1</sup>   | 1.6 (4) <sup>1</sup>   | 1.6 (4) <sup>1</sup>   | 3.4 (8.4) <sup>1</sup>   | 2.4 (6) <sup>1</sup>    | 1.6 (4) <sup>1</sup>   |
| W-ABA-3.2t        | 6            | 3.2 (9) <sup>1</sup> | 6.4 (18) <sup>1</sup> | 3.2 (9) <sup>1</sup> | 6.4 (18) <sup>1</sup> | 4.5 (12.6) <sup>1</sup>  | 3.2 (9) <sup>1</sup>   | 3.2 (9) <sup>1</sup>   | 6.7 (18.9) <sup>1</sup>  | 4.8 (13.5) <sup>1</sup> | 3.2 (9) <sup>1</sup>   |
| W-ABA-5t          | 7            | 5 (12) <sup>1</sup>  | 10 (24) <sup>1</sup>  | 5 (12) <sup>1</sup>  | 10 (24) <sup>1</sup>  | 7.1 (16.8) <sup>1</sup>  | 5 (12) <sup>1</sup>    | 5 (12) <sup>1</sup>    | 10.5 (25.2) <sup>1</sup> | 7.5 (18) <sup>1</sup>   | 5 (12) <sup>1</sup>    |
| W-ABA-10t         | 8            | 10 (20) <sup>1</sup> | 20 (40) <sup>1</sup>  | 10 (20) <sup>1</sup> | 20 (40) <sup>1</sup>  | 14 (28) <sup>1</sup>     | 10 (20) <sup>1</sup>   | 10 (20) <sup>1</sup>   | 21.2 (42) <sup>1</sup>   | 15 (30) <sup>1</sup>    | 10 (20) <sup>1</sup>   |
| W-ABA-20t         | 12           | 20                   | 40                    | 20                   | 40                    | 28                       | 20                     | 20                     | 42                       | 30                      | 20                     |
| W-ABA-31.5t       | 15           | 31.5                 | 63                    | 31.5                 | 63                    | 45                       | 31.5                   | 31.5                   | 67                       | 47.5                    | 31.5                   |
| <b>INOX-ABA</b>   |              |                      |                       |                      |                       |                          |                        |                        |                          |                         |                        |
| INOX-ABA-0.8t     | 3            | 3                    | 6                     | 3                    | 6                     | 1.12 (4.24) <sup>1</sup> | 0.8 (3) <sup>1</sup>   | 0.8 (3) <sup>1</sup>   | 1.7 (6.3) <sup>1</sup>   | 1.18 (4.5) <sup>1</sup> | 0.8 (3) <sup>1</sup>   |
| INOX-ABA-1.6t     | 4            | 5                    | 10                    | 5                    | 10                    | 2.2 (7.1) <sup>1</sup>   | 1.6 (5) <sup>1</sup>   | 1.6 (5) <sup>1</sup>   | 3.4 (10.6) <sup>1</sup>  | 2.4 (7.5) <sup>1</sup>  | 1.6 (5) <sup>1</sup>   |
| INOX-ABA-2.7t     | 6            | 7.5                  | 15                    | 7.5                  | 15                    | 3.8 (10.5) <sup>1</sup>  | 2.7 (7.5) <sup>1</sup> | 2.7 (7.5) <sup>1</sup> | 5.7 (15.75) <sup>1</sup> | 4 (11.25) <sup>1</sup>  | 2.7 (7.5) <sup>1</sup> |
| <b>G-ABA</b>      |              |                      |                       |                      |                       |                          |                        |                        |                          |                         |                        |
| G-ABA-1t          | 4            | 3.5                  | 7                     | 3.5                  | 7                     | 2.8 (9.8) <sup>1</sup>   | 1 (3.5) <sup>1</sup>   | 1 (3.5) <sup>1</sup>   | 2.1 (7.35) <sup>1</sup>  | 1.5 (5.25) <sup>1</sup> | 1 (3.5) <sup>1</sup>   |
| G-ABA-2.5t        | 6            | 4                    | 8                     | 4                    | 8                     | 7 (11.2) <sup>1</sup>    | 2.5 (4) <sup>1</sup>   | 2.5 (4) <sup>1</sup>   | 5.25 (8.4) <sup>1</sup>  | 3.75 (6) <sup>1</sup>   | 2.5 (4) <sup>1</sup>   |
| G-ABA-4t          | 7            | 6                    | 12                    | 6                    | 12                    | 11.2 (16.8) <sup>1</sup> | 4 (6) <sup>1</sup>     | 4 (6) <sup>1</sup>     | 8.4 (12.6) <sup>1</sup>  | 6 (9) <sup>1</sup>      | 4 (6) <sup>1</sup>     |

<sup>1</sup> ( ) = Higher WLL by optimised attachment or application.

Maximum transport weight "G" in [t] with different lifting methods.

