

GEARBOX REFURBISHMENT

Connected Wind Services has a large experience in refurbishment of gearboxes and below list provides an overview of our competences within the types of gearboxes, which we can offer to refurbish.

Revision: 13-04-2018

| OEM | Wind turbine type | Size [kW] | Manufacturer | Gear type |
|-----------|-------------------|-----------|-------------------------------------|---------------------|
| Dewind | DEWI-D6 | 1000 | JAKE | JAKE PSC-1200/62 |
| Gamesa | G42-600 | 600 | Moventas | MOV PLH-308/309/310 |
| Gamesa | G4x-600 | 600 | Bosch Rexroth (Lohmann Stolterfoht) | BR GPV-300 S |
| Gamesa | G42-660 | 660 | ZFW (Brook Hansen) | ZFW EH-55 |
| Gamesa | G52-850 | 850 | Moventas | MOV PLH-400 |
| Gamesa | G52-850 | 850 | Bosch Rexroth (Lohmann Stolterfoht) | BR GPV 306 I:62 |
| Gamesa | G58-850 | 850 | Moventas | MOV PLH-400 |
| Gamesa | G5x-850 | 850 | Echesa | ECH GE850PL |
| Gamesa | G8x-2000 | 2000 | Moventas | MOV PLH-1400 |
| Gamesa | G8x-2000 | 2000 | Bosch Rexroth (Lohmann Stolterfoht) | BR GPV-442 |
| Gamesa | G8x-2000 | 2000 | ZFW (Brook Hansen) | ZFW EH-802 |
| GE | GE-1.5 | 1500 | Bosch Rexroth (Lohmann Stolterfoht) | BR GPV-451 |
| GE | GE-1.5 | 1500 | Moventas | MOV PLH-1100 |
| GE | GE-1.5 | 1500 | Winergy | WIN PEAS 4390 |
| NEG Micon | NM-600/43 | 600 | Winergy | WIN PEAC 4280 |
| NEG Micon | NM-600/43 | 600 | Winergy | WIN PEAK 4280 |
| NEG Micon | NM-600/43 | 600 | Winergy | WIN PEAS 4290 |
| NEG Micon | NM-600/48 | 600 | Winergy | WIN PEAC 4300 |
| NEG Micon | NM-600/48 | 600 | ZFW (Brook Hansen) | ZFW EH-601 |
| NEG Micon | NM-750/44 | 750 | JAKE | JAKE PSC-1000/44 |
| NEG Micon | NM-750/44 | 750 | JAKE | JAKE PSC-1001/44 |
| NEG Micon | NM-750/44 | 750 | JAKE | JAKE PSC-1002/44 |
| NEG Micon | NM-750/44 | 750 | Winergy | WIN PEAC 4300 |
| NEG Micon | NM-750/44 | 750 | ZFW (Brook Hansen) | ZFW EH-601 |
| NEG Micon | NM-750/48 | 750 | JAKE | JAKE PSC-1000/48 |
| NEG Micon | NM-750/48 | 750 | JAKE | JAKE PSC-1001/48 |
| NEG Micon | NM-750/48 | 750 | JAKE | JAKE PSC-1002/48 |
| NEG Micon | NM-750/48 | 750 | Moventas | MOV PLH-304 |
| NEG Micon | NM-750/48 | 750 | Winergy | WIN PEAC 4300 |
| NEG Micon | NM-750/48 | 750 | ZFW (Brook Hansen) | ZFW EH-601 |
| NEG Micon | NM-900/52 | 900 | JAKE | JAKE PSC-1020/52 |

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| OEM | Wind turbine type | Size [kW] | Manufacturer | Gear type |
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| NEG Micon | NM-900/52 | 900 | JAKE | JAKE PSC-1030/52 |
| NEG Micon | NM-900/52 | 900 | JAKE | JAKE PSC-1050/52 |
| NEG Micon | NM-900/52 | 900 | JAKE | JAKE PSC-1051/52 |
| NEG Micon | NM-900/52 | 900 | Moventas | MOV PLH-500 |
| NEG Micon | NM-900/52 | 900 | Winergy | WIN PEAB 4320 |
| NEG Micon | NM-900/52 | 900 | Winergy | WIN PEAS 4300 |
| NEG Micon | NM-1000/60 | 1000 | Moventas | MOV PLH-360 |
| NEG Micon | NM-1000/60 | 1000 | Winergy | WIN PEAS 4355 |
| NEG Micon | NM-1500/72 | 1500 | Moventas | MOV PLH-1100 |
| NEG Micon | NM-1500/72 | 1500 | Winergy | WIN PEAS 4390 |
| NEG Micon | NM72 | 1500 | JAKE | JAKE PSC-1430 |
| NEG Micon | NM72 | 1650 | JAKE | JAKE PSC-1430/72 |
| NEG Micon | NM72 | 1650 | ZFW (Brook Hansen) | ZFW EH-803 |
| NEG Micon | NM82 | 1650 | JAKE | JAKE PSC-1431/82 |
| NEG Micon | NM82 | 1650 | Winergy | WIN PEAB 4420 |
| NEG Micon | NM82 | 1650 | ZFW (Brook Hansen) | ZFW EH-803 |
| NEG Micon | NM-2000/72 | 2000 | JAKE | JAKE PSC-1400/72 |
| NEG Micon | NM-2000/72 | 2000 | Winergy | WIN PEAS 4460 |
| NEG Micon | NM-2750/92 | 2750 | Winergy | WIN PEAB 4460 |
| NEG Micon | NM80 | 2750 | Winergy | WIN PEAB 4500 |
| Nordex | N50 | 800 | Winergy | WIN PEAS 4290 |
| Nordex | N54 | 1000 | Eickhoff | EICK CPNHZ 180 |
| Nordex | N54 | 1000 | Winergy | WIN PEAL 4375 |
| Nordex | N60 | 1300 | Eickhoff | EICK OPPNHZ 190 G |
| Nordex | N60 | 1300 | Winergy | WIN PEAS 4375 |
| Nordex | S70 | 1500 | Moventas | MOV PLH-1100 |
| Nordex | S77 | 1500 | Moventas | MOV PLH-1100 |
| Nordtank | NTK-150 | 150 | Winergy | WIN SZAK 2410 |
| Nordtank | NTK-300 | 300 | JAKE | JAKE CS-520 |
| Nordtank | NTK-300 | 300 | JAKE | JAKE CS-530 |
| Nordtank | NTK-300 | 300 | Winergy | WIN SDAK 2555 |
| Nordtank | NTK-300 | 300 | Winergy | WIN SDNK 2555 |
| Nordtank | NTK-500/37 | 500 | JAKE | JAKE CS-630D |
| Nordtank | NTK-500/37 | 500 | Winergy | WIN PEAK 4280 |
| Nordtank | NTK-550/41 | 550 | JAKE | JAKE CS-630A - 631A |
| Nordtank | NTK-550/41 | 550 | Winergy | WIN PEAK 4280 |
| Nordtank | NTK-600/43 | 600 | JAKE | JAKE CS-630C - 631C |
| Nordtank | NTK-600/43 | 600 | Winergy | WIN PEAC 4280 |
| Senvion / REpower | MD70/77 | 1500 | Eickhoff | CPNHZ-197 |
| Senvion / REpower | MD70/77 | 1500 | Moventas | MOV PLH-1300 |

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| OEM | Wind turbine type | Size [kW] | Manufacturer | Gear type |
|-------------------|-------------------|-----------|--------------------|-------------------------|
| Senvion / REpower | MM82 | 1700 | Moventas | MOV PLH-1700 |
| Senvion / REpower | MM92 | 2000 | Moventas | MOV PLH-1900 |
| Senvion / REpower | MM92 | 2000 | Winergy | PEAB 4481 |
| Senvion / REpower | MM92 | 2000 | Eickhoff | EICK CPNHZ 224 |
| Siemens/Bonus | SIEMENS 150 | 150 | Winergy | WIN SZAK 1380 |
| Siemens/Bonus | SIEMENS 300 | 300 | Moventas | MOV S3GH-515 |
| Siemens/Bonus | SIEMENS 300 | 300 | Winergy | WIN SDAK 1550 |
| Siemens/Bonus | SIEMENS 600 | 600 | Winergy | WIN PEAS 4280 |
| Siemens/Bonus | SIEMENS 1.0 | 1000 | Winergy | WIN PEAC 4355 |
| Siemens/Bonus | SIEMENS 1.0 | 1000 | Winergy | WIN PEAS 4355 |
| Siemens/Bonus | SIEMENS 1.3 | 1300 | Winergy | WIN PEAS 4375 |
| Siemens | SIEMENS 2.0 | 2000 | Winergy | WIN PEAS 4455 |
| Siemens | SIEMENS 2.3 | 2300 | Winergy | WIN PEAB 4456.0-8 |
| Siemens | SIEMENS 2.3 | 2300 | ZFW (Brook Hansen) | ZFW EH-851A/-851B |
| Siemens | SIEMENS 2.3 | 2300 | ZFW (Brook Hansen) | ZFW EH-852A/-852B |
| Suzlon | Suzlon 2.1 | 2300 | Winergy | WIN PEAB 4456 |
| Suzlon | Suzlon 2.1 | 2300 | ZFW (Brook Hansen) | ZFW EH-852 |
| Suzlon | Suzlon 2.1 | 2300 | ZFW (Brook Hansen) | ZFW EH-853 |
| Vestas | V25 | 200 | Winergy | WIN SZAK 1425 |
| Vestas | V27 | 225 | Moventas | MOV S2GH-451X |
| Vestas | V27 | 225 | Winergy | WIN SZAK 1400 |
| Vestas | V27 | 225 | ZFW (Brook Hansen) | ZFW RTH6A-BNC |
| Vestas | V29 | 225 | Moventas | MOV S2GH-451X |
| Vestas | V29 | 225 | ZFW (Brook Hansen) | ZFW RTH6A-BNC |
| Vestas | V39 | 500 | Moventas | MOV PLH-308/309/310 |
| Vestas | V39 | 500 | Moventas | MOV S3GHD-500 |
| Vestas | V39 | 500 | Moventas | MOV S3GHD-506X/XM/XM.2 |
| Vestas | V39 | 500 | Winergy | WIN PEAK 4280 |
| Vestas | V39 | 500 | ZFW (Brook Hansen) | ZFW EH-55 |
| Vestas | V42 | 600 | Moventas | MOV PLH-308/309/310 |
| Vestas | V42 | 600 | Moventas | MOV S3GHD-500 |
| Vestas | V42 | 600 | Moventas | MOV S3GHD-506X/XM/XM.2 |
| Vestas | V42 | 600 | ZFW (Brook Hansen) | ZFW EH-55 |
| Vestas | V44 | 600 | Moventas | MOV PLH-308/309/310/312 |
| Vestas | V44 | 600 | Moventas | MOV S3GHD-506X/XM/XM.2 |
| Vestas | V44 | 600 | ZFW (Brook Hansen) | ZFW EH-55 |
| Vestas | V47 60 Hz | 660 | ZFW (Brook Hansen) | ZFW EH-552 |
| Vestas | V47 DUAL SPEED | 660 | Winergy | WIN PEAS 4285 |
| Vestas | V47 DUAL SPEED | 660 | ZFW (Brook Hansen) | ZFW EH-551 |
| Vestas | V47 SINGLE SPEED | 660 | Winergy | WIN PEAS 4285 |

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| Vestas | V47 SINGLE SPEED | 660 | Bosch Rexroth (Lohmann Stolterfoht) | BR GPV-300 S |
| Vestas | V47 SINGLE SPEED | 660 | JAKE | JAKE PSC-950 44/50 |
| Vestas | V47 SINGLE SPEED | 660 | Moventas | MOV PLH-308/309/310/312 |
| Vestas | V47 SINGLE SPEED | 660 | Winergy | WIN PEAB 4285 |
| Vestas | V47 SINGLE SPEED | 660 | ZFW (Brook Hansen) | ZFW EH-55 |
| Vestas | V47 SINGLE SPEED | 660 | ZFW (Brook Hansen) | ZFW EH-552 |
| Vestas | V52 | 850 | Bosch Rexroth (Lohmann Stolterfoht) | BR GPV-305 |
| Vestas | V52 | 850 | Bosch Rexroth (Lohmann Stolterfoht) | BR GPV-306 |
| Vestas | V52 | 850 | Moventas | MOV PLH-400 |
| Vestas | V52 | 850 | ZFW (Brook Hansen) | ZFW EH-553 |
| Vestas | V63 | 1500 | ZFW (Brook Hansen) | ZFW EH-80 |
| Vestas | V66 – 1.65MW | 1650 | Bosch Rexroth (Lohmann Stolterfoht) | BR GPV-400 |
| Vestas | V66 – 1.65MW | 1650 | Winergy | WIN PEAS 4395 |
| Vestas | V66 – 1.65MW | 1650 | ZFW (Brook Hansen) | ZFW EH-801 |
| Vestas | V66 – 1.75MW | 1750 | Bosch Rexroth (Lohmann Stolterfoht) | BR GPV-401 S |
| Vestas | V66 – 1.75MW | 1750 | Winergy | WIN PEAB 4395 |
| Vestas | V66 – 1.75MW | 1750 | ZFW (Brook Hansen) | ZFW EH-801 |
| Vestas | V80 | 2000 | Bosch Rexroth (Lohmann Stolterfoht) | BR GPV-440 S |
| Vestas | V80 | 2000 | Bosch Rexroth (Lohmann Stolterfoht) | BR GPV-441 |
| Vestas | V80 | 2000 | ZFW (Brook Hansen) | ZFW EH-802 |
| Vestas | V80 OFFSHORE | 2000 | Bosch Rexroth (Lohmann Stolterfoht) | BR GPV-441 |
| Vestas | V80 OFFSHORE | 2000 | ZFW (Brook Hansen) | ZFW EH-802 |
| Vestas | V90 | 2000 | Moventas | MOV PLH-1400 |
| Vestas | V90 | 2000 | Bosch Rexroth (Lohmann Stolterfoht) | BR GPV-442 |
| Vestas | V90 | 2000 | Winergy | WIN PEAB 4435 |
| Vestas | V90 | 2000 | ZFW (Brook Hansen) | ZFW EH-802 |
| Vestas | V90 | 2000 | ZFW (Brook Hansen) | ZFW EH-804 |
| Vestas | V100 | 2000 | Bosch Rexroth (Lohmann Stolterfoht) | BR GPV-442 |
| Wincon | WINCON 600 | 600 | Winergy | WIN PEAC 4300 |
| Wincon | WINCON 600 | 600 | Winergy | WIN PEAS 4290 |
| WindWorld | WW-150 | 150 | WindWorld | WW 2500/150 |
| WindWorld | WW-150 | 150 | WindWorld | WW 2700/150 |
| WindWorld | WW-250 | 250 | WindWorld | WW 2920/250 |
| WindWorld | WW-550 | 550 | WindWorld | WW 3700/550 |
| WindWorld | WW-600 | 600 | WindWorld | WW 4200/600 |
| WindWorld | WW-750 | 750 | WindWorld | WW CSF 681 |

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