

PORTABULK® FILLING SYSTEMS

Goodtech Porsgrunn

| # | Project Name / Customer | Type | Product | Capacity | Country |
|------------------|-----------------------------|-----------------|-----------------------|-----------------|-----------------|
| 1 | Cherepovets | NWF | AN | 70 Bags/Hour | Russia |
| | Shcokino | NWF | AMS | 70 Bags/Hour | Russia |
| | Rossosh | NWF | AN / NPK | 70 Bags/Hour | Russia |
| | Berezniki | NWF | UREA | 70 Bags/Hour | Russia |
| | Kuibyshev | NWF | AMS | 70 Bags/Hour | Russia |
| | Togliatti | NWF | UREA | 70 Bags/Hour | Russia |
| | Rustavi | NWF | AMS | 70 Bags/Hour | Russia |
| | Urakali | NWF | KCl | 70 Bags/Hour | Russia |
| | Hydro Supra, Køping | NWF | AN | 70 Bags/Hour | Sweden |
| 10 | I.C. Pieni, Trondheim | NWF | Grain, fodder | 50 T/Hour | Norway |
| | Hydro Ch. Moss | GWF | UREA | 240 T/Shift | Norway |
| | Hydro Ch. Moss | Small Bags | UREA | 360 Bags/Hour | Norway |
| | Hydro Porsgrunn | NWF | CN | 600 T/Shift | Norway |
| | Felleskjøpet, Stavanger | NWF | Grain, fodder | 50 T/Hour | Norway |
| | Hydro Fert. Immingham | NWF | NPK | 90 T/Hour | UK |
| | Hydro Fert. Immingham | NWF | NPK | 90 T/Hour | UK |
| | Hydro Fert. Immingham | NWF | NPK | 90 T/Hour | UK |
| | IFI, Belfast | NWF | Fertilizer | 70 T/Hour | N. Ireland |
| | HAZ, Montoir | NWF | Fertilizer | 70 T/Hour | France |
| 20 | IFI, Arklow | NWF/Upgrade | Fertilizer | 50 T/Hour | Ireland |
| | Novgorod | NWF | AN | 70 Bags/Hour | Russia |
| | Faxealk | GWF | Lime | 30 T/Hour | Denmark |
| | Zaporozhye | GWF | Ferro, alloys | 100 T/Hour | Ukraine |
| | Felleskjøpet, Muruvik | NWF | NPK | 60 T/Hour | Norway |
| | Norsk Hydro, Walch | GWF | NPK | 30 T/Hour | Poland |
| | Comalco, Weipa | NWF | Kaolin | 70 T/Hour | Australia |
| | ICI, Gladstone | GWF | AN | 60 T/Hour | Australia |
| | Norcem, Brevik | GWF | Cement | 60 T/Hour | Norway |
| | SOIL Fertility, Ayr | GWF | Fertilizer | 60 T/Hour | UK |
| | Norsk Hydro, Gdansk | GWF | Fertilizer | 60 T/Hour | Poland |
| | | Biomar, Karmøy | GWF | Fish feed | 30 T/Hour |
| Demo Brevik | | GWF | Free flowing products | 20-40 Bags/Hour | Norway |
| ABB, Venezuela | | NWF | Flexi coke | 60 T/Hour | Venezuela |
| IFI, Belfast | | NWF | Fertilizer | 70 T/Hour | N. Ireland |
| IFI, Belfast | | 4 Pack line | Fertilizer | 70 T/Hour | N. Ireland |
| Alpharma, Skøyen | | GWF | Chemicals | 20-40 Bags/Hour | Norway |
| Aitos, Trondheim | | GWF | Chemicals | 20-40 Bags/Hour | Norway |
| HAE, Brunsbuttel | | NWF | Fertilizer | 70 T/Hour | Germany |
| Olivin, Åheim | | NWF Cement | Sand | 20-40 Bags/Hour | Norway |
| 40 | | Olivin, Åheim | NWF | Sand | 20-40 Bags/Hour |
| | HAI Guatamala | Conveyor system | Fertilizers | 20-40 Bags/Hour | Guatamala |
| | Codelco, Chile | GWF | Molibdenum Oxide | 30 T/Hour | Chile |
| | Bulkpakindo | GWF | Calcinate, clay | 20 T/Hour | Australia |
| | Elkem, Muruvik | NWF | Fertilizer | 70 T/Hour | Norway |
| | DLG, Hasselager | NWF | Grain, seed | 70 T/Hour | Denmark |
| | EIP, Herrera Amenabar | GWF | Fertilizer | 30 T/Hour | Chile |
| | Hydro Barletta | NWF | Fertilizer | 60 T/Hour | Italy |
| | Lafarge Redland | NWF | Dolomit | 100 T/Hour | UK |
| | Biomar, Karmøy | GWF | Fish feed | 30 T/Hour | Norway |
| 50 | Hydro Køping | NWF | FVPK | 70 T/Hour | Sweden |
| | Hydro Køping | NWF | NPK | 70 T/Hour | Sweden |
| | Hydro Chile | GWF | Fertilizer | 30 T/Hour | Chile |
| | VM-Hydro Årdal | GWF | Kragemasse | 32-34 T/Hour | Norway |
| | KFK - Randers | GWF | Fertilizer | 40 T/Hour | Denmark |
| | Wijnveen - Biomar, Myre | GWF | fish-feed | 35 T/Hour | Norway |
| | Fiskå Mølle, Tau | Mini system | Animal feed | 20 T/Hour | Norway |
| | PVC, Hydro Porsgrunn | GWF | PMMA | 20 T/Hour | Norway |
| | Biomar - Karmøy | FAB NWF | Fish feed | 30 T/Hour | Norway |
| | Biomar - Karmøy | FAB NWF | Fish feed | 30 T/Hour | Norway |
| 60 | Carrs Fertilizers, Runcorn | NWF | Fertilizer | 60 T/Hour | UK |
| | Carrs Fertiliser, Silloth | NWF | Fertilizer | 60 T/Hour | UK |
| | Carrs Fertilizer, Silloth | NWF | Fertilizer | 70 T/Hour | UK |
| | PDVSA, Amuay | NWF | Flexi coke | 50 T/Hour | Venezuela |
| | Carrs Fertilizers, Glasgow | NWF | Fertilizer | 60 T/Hour | UK |
| | Densit, Aalborg | NWF Cement | Cement | 20 T/Hour | Denmark |
| | Ewos - Bergneset | FAB NWF | Fish feed | 30 T/Hour | Norway |
| | Ewos - Bergneset | FAB NWF | Fish feed | 30 T/Hour | Norway |
| | Norensacados, Porto Cabello | NWF | Contract bagging | 50 Bags/Hour | Venezuela |
| | Salt Union, Runcorn, UK | GWF | Salt | 50 T/Hour | UK |

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|---------------------------------|--------------------------------|------------------------------|-----------------------|----------------|---------------|------------|
| 70 | JPM (John Parsons Marketing) | NWF/Upgrade | Fertilizer | 50 T/Hour | UK | |
| | Balakovskije M-F, Balakova | GWF | Fertilizer | min. 20 T/Hour | Russia | |
| | Felleskjøpet, Verdal | NWF | Fertilizer | 70 T/Hour | Norway | |
| | Felleskjøpet, Rogaland - Agder | GWF | Animal feed | 40 T/Hour | Norway | |
| | M.S.P. Berwick on Tweed | NWF/Upgrade | Fertilizer | 60 T/Hour | UK | |
| | King's Lynn Bagging & Handling | NWF/Upgrade | Fertilizer | 60 T/Hour | UK | |
| | Carrs Fertilizers, Runcorn | GWF | Fertilizer | 60 T/Hour | UK | |
| | Forforedling AB, Levanger | GWF | Grass- /wood- pellets | 20 T/Hour | Norway | |
| | JSC, Ammophos, Cherepovets | NWF | Fertilizer | 60 Bags/Hour | Russia | |
| | JSC, Ammophos, Cherepovets | NWF | Fertilizer | 60 Bags/Hour | Russia | |
| | 80 | JSC, Ammophos, Cherepovets | NWF | Fertilizer | 60 Bags/Hour | Russia |
| | | Acheson & Glower, N. Ireland | GWF | Lime | 60 Bags/Hour | N. Ireland |
| Nordisk Korn a/s, Moss Terminal | | GWF | Fertilizer | 100 Bags/Hour | Norway | |
| OAo Bassol, N. Baskuntchak | | NWF | Salt | 60 Bags/Hour | Russia | |
| OAo Bassol, N. Baskuntchak | | NWF | Salt | 60 Bags/Hour | Russia | |
| Stroy Minerals | | GWF | Mineral | 60 Bags/Hour | Russia | |
| Randers Møllebyggeri | | NWF | Fertilizer | 90 Bags/Hour | Denmark | |
| Soliletsk Salt | | NWF | Salt | 60 Bags/Hour | Russia | |
| OAo Bassol, N. Baskuntchak | | NWF | Salt | 60 Bags/Hour | Russia | |
| 90 | | Nitrogenművek | NWF | AN / CAN | 80 Bags/Hour | Hungary |
| | | Nitrogenművek | NWF | AN / CAN | 80 Bags/Hour | Hungary |
| | | Kemerovo | NWF | AN | 60 Bags/Hour | Russia |
| | Novomoskovsk | NWF | Fertiliser | 60 Bags/Hour | Russia | |
| | Balakovo | NWF | Fertiliser | min. 20 T/Hour | Russia | |
| | Biomar Karmøy | NWF | Fish feed | 50 T/Hour | Norway | |
| | Yara Köping | FAB NWF | AN | 100 Bags/Hour | Sweden | |
| | Yara Köping | FAB NWF | AN | 100 Bags/Hour | Sweden | |
| | Silvinit | NWF | Salt | 60 Bags/Hour | Russia | |
| | Silvinit | NWF | Salt | 60 Bags/Hour | Russia | |
| | 100 | Silvinit | NWF | Salt | 60 Bags/Hour | Russia |
| | | Brødr. Sunde | GWF | Sundolitt - PS | 60 Bags/Hour | Norway |
| Balakovo | | NWF | AN | 60 Bags/Hour | Russia | |
| Police | | NWF | Fertilizer | 120 Bags/Hour | Poland | |
| Ewos Florø | | FAB NWF | Fish feed | 60 Bags/Hour | Norway | |
| Ewos Florø | | FAB NWF | Fish feed | 60 Bags/Hour | Norway | |
| Ewos Florø | | FAB NWF | Fish feed | 60 Bags/Hour | Norway | |
| Carrs Fertilizer | | NWF | Fertiliser Blends | 120 Bags/Hour | UK | |
| Felleskjøpet Holstad | | FAB NWF | Grain, seed | 100 Bags/Hour | Norway | |
| Arikom | | NWF | Ilminitt | 100 Bags/Hour | Russia | |
| 110 | | Arikom | NWF | Ilminitt | 100 Bags/Hour | Russia |
| | | Voskresinsk | NWF | Fertiliser | 60 Bags/Hour | Russia |
| | Panpac - Biomar | NWF | Fish feed | 20 - 40 T/Hour | Denmark | |
| | Panpac - Biomar | NWF | Fish feed | 20 - 40 T/Hour | Denmark | |
| | Voskresinsk | NWF | Fertiliser | 60 Bags/Hour | Russia | |
| | Norcem, Brevik | NWF/Upgrade | Cement | 80 T/Hour | Norway | |
| | Densit, Aalborg | NWF/Upgrade | Cement | 25 T/Hour | Denmark | |
| | Biomar Myre | FAB NWF | Fish feed | min. 30 T/Hour | Norway | |
| | Biomar Myre | FAB NWF | Fish feed | min. 30 T/Hour | Norway | |
| | Azomures SA | NWF | AN | 70 T/Hour | Romania | |
| | 120 | Azomures SA | NWF | NPK | 70 T/Hour | Romania |
| | | Felleskjøpet Kambo | FAB NWF | Fertiliser | 75 T/Hour | Norway |
| Felleskjøpet Kambo | | FAB NWF | Fertiliser | 75 T/Hour | Norway | |
| OAo Ammophos | | NWF/Upgrade | Fertiliser | 90 T/Hour | Russia | |
| OAo Ammophos | | NWF/Upgrade | Fertiliser | 90 T/Hour | Russia | |
| OAo Ammophos | | NWF/Upgrade | Fertiliser | 90 T/Hour | Russia | |
| OAo Ammophos | | NWF/Upgrade | Fertiliser | 90 T/Hour | Russia | |
| Havsbrun | | NWF/Upgrade | Fish feed | 60 T/Hour | Faeroes | |
| IBC International | | NWF | Fertiliser | 80 T/Hour | Sweden | |
| Sibir Angarsk | | NWF | AN | 80 T/Hour | Russia | |
| 130 | | OCP, Safi | GWF | Phosphate | 35 T/Hour | Morocco |
| | | OCP, Safi | GWF | Phosphate | 35 T/Hour | Morocco |
| | OCP, Safi | GWF | Phosphate | 35 T/Hour | Morocco | |
| | OCP, Safi | GWF | Phosphate | 35 T/Hour | Morocco | |
| | Nitrogenművek | NWF | CAN | 70 T/Hour | Hungary | |
| | Nitrogenművek | NWF | Urea | 50 T/Hour | Hungary | |
| | I/S Felleslager | NWF/Upgrade | Fertiliser | 70 T/Hour | Norway | |
| | Ewos Bergneset | FAB NWF | Fish feed | 80 Bags/Hour | Norway | |
| | Grupa Azoty Police | NWF | Fertiliser | 120 Bags/Hour | Poland | |
| | Metachem, Ammophos | NWF | Fertiliser | 70 Bags/Hour | Russia | |

2000

2010

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|------------|-------------------------|-------------|---------------------------------|--------------|-----------|
| 140 | Metachem, Ammophos | NWF | Chemicals | 60 Bags/Hour | Russia |
| | Timac | PWS | Fertiliser | 70 T/Hour | France |
| | Grupa Orlen Anwil | GWF | Fertiliser | 60 Bags/Hour | Poland |
| | Grupa Orlen Anwil | GWF | Fertiliser | 60 Bags/Hour | Poland |
| | Havsbrun | FAB NWF | Fish feed | 60 Bags/Hour | Faeroes |
| | Azomures SA | NWF | Fertiliser | 80 T/Hour | Romania |
| | Nitrogenmüvek | FAB NWF | AN | 90 T/Hour | Hungary |
| | Nitrogenmüvek | FAB NWF | CAN | >100 T/Hour | Hungary |
| | Grupa Azoty Tarnow | NWF | Fertiliser | 70 T/Hour | Poland |
| 150 | Grupa Azoty Tarnow | NWF/Upgrade | Fertiliser | 60 T/Hour | Poland |
| | Grupa Pulawy Fosfory | NWF | Fertiliser | 70 T/Hour | Poland |
| | Visnes Kalk | FAB GWF | Minerals | 60 T/Hour | Norway |
| | Haver & Boecker | NWF | Fertiliser | 60 T/Hour | Nigeria |
| | Sibelco | NWF/Upgrade | Minerals | 40 T/Hour | Norway |
| | Biomar | FAB NWF | Fish feed | 40 T/Hour | Norway |
| | Azomures SA | NWF | Fertiliser | 80 T/Hour | Romania |
| | Grupa Azoty Police | NWF | Fertiliser | 60 T/Hour | Poland |
| | Grupa Azoty Tarnow | NWF | Fertiliser | >60 T/Hour | Poland |
| 160 | Felleskjøpet Verdal | FAB NWF | Fertiliser | >80 T/Hour | Norway |
| | Biomar | FAB/Upgrade | Fish feed | 40 T/Hour | Norway |
| | Yara Köping | FAB/Upgrade | Fertiliser | >80 T/Hour | Norway |
| | MSP Engineering | FAB GWF | Na ₂ SO ₄ | < 20 T/Hour | Australia |
| | MSP Engineering | FAB GWF | LiOH | < 10 T/Hour | Australia |
| | Borealis | FAB NWF | Fertiliser | >100 T/Hour | France |
| | Borealis | FAB NWF | Fertiliser | >100 T/Hour | France |

FAB - Fully Automated Bagging
 GWF - Gross Weighing System
 NWF - Net Weighing System
 PWS - Portabulk Welder & Stretcher