

PORTABULK®
FILLING and HANDLING 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	KCI	70 Bags/Hour	Russia
	Hydro Supra, K�ping	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
	Felleskj�pet, 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
	Felleskj�pet, 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
30	Norsk Hydro, Gdansk	GWF	Fertilizer	60 T/Hour	Poland
	Biomar, Karm�y	GWF	Fish feed	30 T/Hour	Norway
	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, Sk�yen	GWF	Chemicals	20-40 Bags/Hour	Norway
	Aitos, Trondheim	GWF	Chemicals	20-40 Bags/Hour	Norway
	HAE, Brunsb�ttel	NWF	Fertilizer	70 T/Hour	Germany
	Olivin, �heim	NWF Cement	Sand	20-40 Bags/Hour	Norway
40	Olivin, �heim	NWF	Sand	20-40 Bags/Hour	Norway
	HAI Guatemala	Conveyor system	Fertilizers	20-40 Bags/Hour	Guatemala
	Codelco, Chile	GWF	Molibdenum Oxide	30 T/Hour	Chile
	Bulpkakindo	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, Karm�y	GWF	Fish feed	30 T/Hour	Norway
50	Hydro K�ping	NWF	FVPK	70 T/Hour	Sweden
	Hydro K�ping	NWF	NPK	70 T/Hour	Sweden
	Hydro Chile	GWF	Fertilizer	30 T/Hour	Chile
	VM-Hydro �rdal	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
	Fisk� M�lle, Tau	Mini system	Animal feed	20 T/Hour	Norway
	PVC, Hydro Porsgrunn	GWF	PMMA	20 T/Hour	Norway
	Biomar - Karm�y	FAB NWF	Fish feed	30 T/Hour	Norway
	Biomar - Karm�y	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
	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	Nitrogenmüvek	NWF	AN / CAN	80 Bags/Hour	Hungary
	Nitrogenmüvek	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
	Sibur 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
	Nitrogenmüvek	NWF	CAN	70 T/Hour	Hungary
	Nitrogenmüvek	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

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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
Grupa Azoty Tarnow	NWF/Upgrade	Fertiliser	60 T/Hour	Poland	
150	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
	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
160	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
	Borealis	Conveyor system	Fertiliser	>200 T/Hour	France
	MSP Engineering	FAB GWF	LiOH	< 10 T/Hour	Australia
	Graintec	FAB NWF	Fish feed	40 T/Hour	Australia

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