



KOTZUR

TRANSPORTABLE SEALED GASTIGHT SILOS



A family
owned
Australian
business



APPLICATION

General purpose grain storage.

Medium/long term grain storage with phosphine or controlled atmosphere.

As a “hospital” silo for pest eradication of infested grain.

Ask for further information on the importance of sealed gastight silos in the drive to control insects and maintain grain free of chemical residue.

Optional Features include:

- Roof side inspection hole
 - External wall roof ladder and cage
 - Aeration
 - Colorbond walls and roof
-

Standard Features include:

- Fumigation system
 - Base manhole
-

FEATURES

- Fully factory assembled and delivered ready to use.
- Kotzur Silos are manufactured to Silo Sealing Standard AS 2628 (sealed to 5 minute half pressure decay standard).
- Reliable pest eradication without chemical residues and risk of failure due to insect resistance to contact pesticides.
- Zinalume walls/roof and galvanised hopper/support structure.
- Auto resealing ground operated centre lid opening.
- Roof hatches lock down with a quick lever action and seal with a heavy duty O-ring seal.
- Outlet slide gate is sealed with a quick action, secondary seal plate. This allows resealing even when there is grain in the silo.
- Bin is pressure protected with high capacity oil bath relief valve.
- Sealants (e.g. silicone) are NOT required each time silo is sealed.
- Bin walls/roof are sealed using PVC and Silicone between the joints at time of construction to ensure a lifetime structural seal.
- All silo models can be tailored to specific customer requirements.
- Covered by Kotzur 5 year warranty.

www.kotzur.com



SPECIFICATIONS (WALLA WALLA)

Effective 1 October 2024

OPT - Optional

N/A - Not Available

| MODEL | CAPACITY M ³ | CAPACITY WHEAT T ⁽¹⁾ | MAX LOAD T ⁽²⁾ | HEIGHT TO CENTRE M | HEIGHT TO EAVE M | NOM. DIAMETER M | OUTLET HEIGHT MM ⁽⁶⁾ | BOTTOM OUTLET MM | CONE ANGLE | AUGER LENGTH M (FT) ⁽³⁾ | WIDE LOAD PILOTS ⁽⁴⁾ | SILOS PER TRUCK ⁽⁵⁾ | CENTRE FILL DIA MM | BAGGING CHUTE |
|-----------|-------------------------|---------------------------------|---------------------------|--------------------|------------------|-----------------|---------------------------------|------------------|------------|------------------------------------|---------------------------------|--------------------------------|--------------------|---------------|
| K431S | 31 | 25 | 28 | 5.9 | 5.0 | 3.1 | 600 | 200 | 35° | 10.2 (34') | None | 2 | 500 | OPT |
| K448S | 48 | 38 | 44 | 6.1 | 5.0 | 3.8 | 500 | 200 | 31° | 10.5 (35') | 1 | 2 | 500 | OPT |
| K458S | 58 | 47 | 53 | 6.9 | 5.8 | 3.8 | 500 | 200 | 31° | 11.9 (40') | 1 | 2 | 500 | OPT |
| K481S | 81 | 65 | 75 | 8.1 | 6.9 | 4.2 | 600 | 250 | 35° | 13.8 (45') | 1 | 2 | 610 | N/A |
| K492S | 92 | 73 | 85 | 8.9 | 7.7 | 4.2 | 600 | 250 | 35° | 15.2 (50') | 1 | 1 | 610 | N/A |
| K486S | 86 | 69 | 79 | 7.7 | 6.4 | 4.6 | 600 | 250 | 35° | 13.2 (43') | 2 | 1 | 610 | N/A |
| K4100S | 100 | 81 | 92 | 8.6 | 7.3 | 4.6 | 600 | 250 | 35° | 14.7 (48') | 2 | 1 | 610 | N/A |
| K4114S | 114 | 93 | 105 | 9.4 | 8.1 | 4.6 | 600 | 250 | 35° | 16.0 (53') | 2 | 1 | 610 | N/A |
| K4128S | 128 | 104 | 118 | 10.3 | 9.0 | 4.6 | 600 | 250 | 35° | 18.0 (60') | 2 | 1 | 610 | N/A |
| K4188EGS* | 188 | 156 | 173 | 14.3 | 13.0 | 4.6 | 700 | 250 | 45° | 22.8 (75') | 2 | 1 | 610 | N/A |
| K4208EGS | 208 | 168 | 191 | 15.4 | 14.1 | 4.6 | 700 | 250 | 45° | 25.5 (84') | 2 | 1 | 610 | N/A |
| K4129S* | 129 | 104 | 118 | 9.5 | 8.2 | 4.9 | 600 | 250 | 35° | 16.0 (53') | 2 | 1 | 610 | N/A |
| K4144S* | 144 | 117 | 132 | 10.5 | 9.1 | 4.9 | 600 | 250 | 35° | 18.0 (60') | 2 | 1 | 610 | N/A |
| K4190EGS* | 190 | 154 | 175 | 13.4 | 12.0 | 4.9 | 700 | 250 | 45° | 22.4 (74') | 2 | 1 | 610 | N/A |
| K4211EGS | 211 | 171 | 194 | 14.5 | 13.1 | 4.9 | 700 | 250 | 45° | 24.1 (79') | 2 | 1 | 610 | N/A |
| K4232EGS | 232 | 188 | 213 | 15.6 | 14.2 | 4.9 | 700 | 250 | 45° | 26.0 (85') | 2 | 1 | 610 | N/A |

SPECIFICATIONS (TOOWOOMBA)

Effective 1 October 2024

OPT - Optional

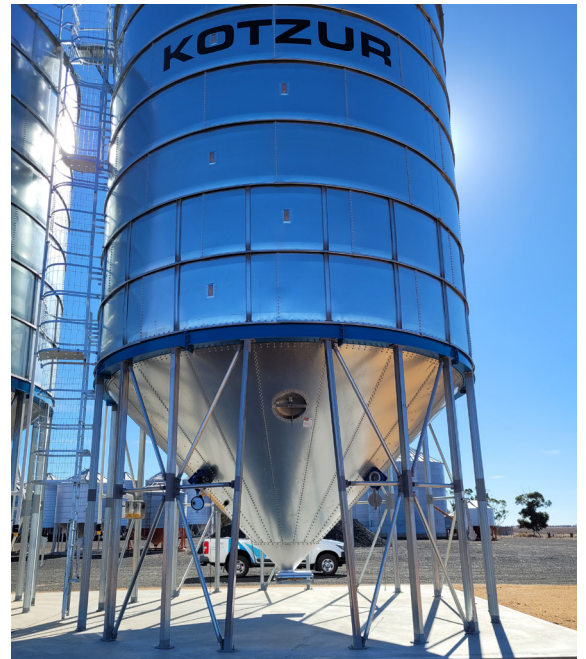
N/A - Not Available

| MODEL | CAPACITY M ³ | CAPACITY WHEAT T ⁽¹⁾ | MAX LOAD T ⁽²⁾ | HEIGHT TO CENTRE M | HEIGHT TO EAVE M | NOM. DIAMETER M | OUTLET HEIGHT MM ⁽⁶⁾ | BOTTOM OUTLET MM | CONE ANGLE | AUGER LENGTH M (FT) ⁽³⁾ | WIDE LOAD PILOTS ⁽⁴⁾ | SILOS PER TRUCK ⁽⁵⁾ | CENTRE FILL DIA (MM) | BAGGING CHUTE |
|----------|-------------------------|---------------------------------|---------------------------|--------------------|------------------|-----------------|---------------------------------|------------------|------------|------------------------------------|---------------------------------|--------------------------------|----------------------|---------------|
| K437EGS | 37 | 30 | 34 | 6.2 | 5.2 | 3.4 | 700 | 200 | 35° | 11.2 (37') | 1 | 2 | 500 | OPT |
| K448EGS | 48 | 39 | 44 | 7.3 | 6.3 | 3.4 | 700 | 200 | 35° | 12.9 (42') | 1 | 2 | 500 | OPT |
| K457EGS | 58 | 47 | 53 | 8.4 | 7.4 | 3.4 | 700 | 200 | 35° | 14.6 (48') | 1 | 1 | 500 | OPT |
| K468EGS | 68 | 55 | 63 | 9.5 | 8.5 | 3.4 | 700 | 200 | 35° | 16.3 (54') | 1 | 1 | 500 | OPT |
| K480EGS | 80 | 65 | 74 | 11.1 | 10.1 | 3.4 | 700 | 200 | 45° | 18.8 (62') | 1 | 1 | 500 | OPT |
| K490EGS | 90 | 73 | 83 | 12.2 | 11.3 | 3.4 | 700 | 200 | 45° | 20.5 (67') | 1 | 1 | 500 | OPT |
| K4100EGS | 101 | 81 | 92 | 13.4 | 12.4 | 3.4 | 700 | 200 | 45° | 22.4 (73') | 1 | 1 | 500 | OPT |
| K4111EGS | 111 | 90 | 102 | 14.5 | 13.5 | 3.4 | 700 | 200 | 45° | 24.1 (79') | 1 | 1 | 500 | OPT |
| K447EGS | 48 | 39 | 44 | 6.4 | 5.3 | 3.8 | 700 | 200 | 35° | 11.5 (38') | 1 | 2 | 500 | OPT |
| K460EGS | 60 | 49 | 56 | 7.5 | 6.4 | 3.8 | 700 | 200 | 35° | 13.2 (43') | 1 | 2 | 500 | OPT |
| K473EGS | 73 | 59 | 67 | 8.7 | 7.6 | 3.8 | 700 | 200 | 35° | 15.1 (50') | 1 | 1 | 500 | OPT |
| K486EGS | 86 | 70 | 79 | 9.8 | 8.7 | 3.8 | 700 | 200 | 35° | 16.8 (55') | 1 | 1 | 500 | OPT |
| K4101EGS | 101 | 82 | 93 | 11.4 | 10.3 | 3.8 | 700 | 200 | 45° | 19.3 (63') | 1 | 1 | 500 | OPT |
| K4114EGS | 114 | 92 | 105 | 12.6 | 11.5 | 3.8 | 700 | 200 | 45° | 21.2 (69') | 1 | 1 | 500 | OPT |
| K4127EGS | 127 | 103 | 127 | 13.7 | 12.6 | 3.8 | 700 | 200 | 45° | 22.9 (75') | 1 | 1 | 500 | OPT |
| K4139EGS | 139 | 113 | 139 | 14.8 | 13.7 | 3.8 | 700 | 200 | 45° | 24.6 (81') | 1 | 1 | 500 | OPT |
| K458EGS | 58 | 47 | 53 | 6.6 | 5.4 | 4.2 | 700 | 250 | 35° | 11.8 (39') | 1 | 2 | 610 | N/A |
| K472EGS | 73 | 59 | 67 | 7.7 | 6.5 | 4.2 | 700 | 250 | 35° | 13.5 (44') | 1 | 2 | 610 | N/A |
| K488EGS | 88 | 72 | 81 | 8.9 | 7.7 | 4.2 | 700 | 250 | 35° | 15.4 (51') | 1 | 1 | 610 | N/A |
| K4104EGS | 104 | 84 | 95 | 10 | 8.8 | 4.2 | 700 | 250 | 35° | 17.1 (56') | 1 | 1 | 610 | N/A |
| K4122EGS | 122 | 99 | 112 | 11.7 | 10.5 | 4.2 | 700 | 250 | 45° | 19.8 (65') | 1 | 1 | 610 | N/A |
| K4137EGS | 137 | 111 | 126 | 12.8 | 11.6 | 4.2 | 700 | 250 | 45° | 21.5 (70') | 1 | 1 | 610 | N/A |
| K4152EGS | 152 | 123 | 140 | 13.9 | 12.7 | 4.2 | 700 | 250 | 45° | 23.2 (76') | 1 | 1 | 610 | N/A |
| K4167EGS | 167 | 136 | 154 | 15.0 | 13.9 | 4.2 | 700 | 250 | 45° | 24.9 (82') | 1 | 1 | 610 | N/A |
| K466EGS | 66 | 53 | 60 | 6.8 | 5.5 | 4.4 | 700 | 250 | 35° | 12.1 (40') | 1 | 2 | 610 | N/A |
| K483EGS | 83 | 67 | 76 | 7.9 | 6.6 | 4.4 | 700 | 250 | 35° | 13.8 (45') | 1 | 2 | 610 | N/A |
| K499EGS | 100 | 81 | 92 | 9.0 | 7.8 | 4.4 | 700 | 250 | 35° | 15.6 (51') | 1 | 1 | 610 | N/A |
| K4117EGS | 117 | 95 | 108 | 10.1 | 8.9 | 4.4 | 700 | 250 | 35° | 17.3 (57') | 1 | 1 | 610 | N/A |
| K4138EGS | 138 | 112 | 127 | 11.9 | 10.6 | 4.4 | 700 | 250 | 45° | 20.1 (66') | 1 | 1 | 610 | N/A |

| MODEL | CAPACITY M ³ | CAPACITY WHEAT T ⁽¹⁾ | MAX LOAD T ⁽²⁾ | HEIGHT TO CENTRE M | HEIGHT TO EAWE M | NOM. DIAMETER M | OUTLET HEIGHT MM ⁽⁶⁾ | BOTTOM OUTLET MM | CONE ANGLE | AUGER LENGTH M (FT) ⁽³⁾ | WIDE LOAD PILOTS ⁽⁴⁾ | SILOS PER TRUCK ⁽⁵⁾ | CENTRE FILL DIA (MM) | BAGGING CHUTE |
|-----------|-------------------------|---------------------------------|---------------------------|--------------------|------------------|-----------------|---------------------------------|------------------|------------|------------------------------------|---------------------------------|--------------------------------|----------------------|---------------|
| K4155EGS | 155 | 125 | 142 | 13.0 | 11.7 | 4.4 | 700 | 250 | 45° | 21.8 (72') | 1 | 1 | 610 | N/A |
| K4172EGS | 172 | 139 | 158 | 14.1 | 12.9 | 4.4 | 700 | 250 | 45° | 23.5 (77') | 1 | 1 | 610 | N/A |
| K4189EGS | 189 | 153 | 174 | 15.2 | 14.0 | 4.4 | 700 | 250 | 45° | 25.2 (83') | 1 | 1 | 610 | N/A |
| K471EGS | 73 | 59 | 67 | 6.9 | 5.6 | 4.6 | 700 | 250 | 35° | 12.3 (40') | 2 | 1 | 610 | N/A |
| K491EGS | 91 | 74 | 84 | 8.0 | 6.7 | 4.6 | 700 | 250 | 35° | 14.0 (46') | 2 | 2 | 610 | N/A |
| K4110EGS | 110 | 89 | 101 | 9.2 | 7.8 | 4.6 | 700 | 250 | 35° | 15.9 (52') | 2 | 1 | 610 | N/A |
| K4129EGS | 129 | 104 | 118 | 10.3 | 8.9 | 4.6 | 700 | 250 | 35° | 17.6 (58') | 2 | 1 | 610 | N/A |
| K4151EGS | 151 | 123 | 139 | 12 | 10.7 | 4.6 | 700 | 250 | 45° | 20.2 (66') | 2 | 1 | 610 | N/A |
| K4170EGS | 170 | 138 | 156 | 13.2 | 11.8 | 4.6 | 700 | 250 | 45° | 22.1 (73') | 2 | 1 | 610 | N/A |
| K4188EGS | 189 | 153 | 174 | 14.3 | 13.0 | 4.6 | 700 | 250 | 45° | 23.8 (78') | 2 | 1 | 610 | N/A |
| K4208EGS | 208 | 168 | 191 | 15.4 | 14.1 | 4.6 | 700 | 250 | 45° | 25.5 (84') | 2 | 1 | 610 | N/A |
| K482EGS | 82 | 66 | 75 | 7.1 | 5.7 | 4.9 | 700 | 250 | 35° | 12.6 (41') | 2 | 2 | 610 | N/A |
| K4102EGS | 102 | 83 | 94 | 8.2 | 6.8 | 4.9 | 700 | 250 | 35° | 14.3 (47') | 2 | 1 | 610 | N/A |
| K4123EGS | 123 | 100 | 113 | 9.3 | 7.9 | 4.9 | 700 | 250 | 35° | 16.0 (53') | 2 | 1 | 610 | N/A |
| K4144EGS | 144 | 117 | 133 | 10.4 | 9.0 | 4.9 | 700 | 250 | 35° | 17.7 (58') | 2 | 1 | 610 | N/A |
| K4169EGS | 169 | 137 | 156 | 12.2 | 10.8 | 4.9 | 700 | 250 | 45° | 20.5 (67') | 2 | 1 | 610 | N/A |
| K4190EGS* | 190 | 154 | 175 | 13.4 | 12.0 | 4.9 | 700 | 250 | 45° | 22.4 (74') | 2 | 1 | 610 | N/A |
| K4211EGS* | 211 | 171 | 194 | 14.5 | 13.1 | 4.9 | 700 | 250 | 45° | 24.1 (79') | 2 | 1 | 610 | N/A |
| K4232EGS* | 232 | 188 | 213 | 15.6 | 14.2 | 4.9 | 700 | 250 | 45° | 26.0 (85') | 2 | 1 | 610 | N/A |

Splayed Leg Base

- 1 - Wheat capacity based on typical consolidated/compacted bulk density in silo. 2 - Max. Load based on engineering design. This may not apply to products other than grain.
 3 - Auger lengths are indicative only and are based on 40° angle. 4 - Pilot/Escort vehicle requirements may vary in certain locations (e.g. metropolitan areas). 5 - Number of silos that can be transported per delivery. * Purchase of this model is contingent to Kotzur being able to obtain an oversize permit for the route required to deliver this model.
 6 - Nominal outlet height only.



WARRANTY - Kotzur Pty Ltd are confident in the quality of the products they design, manufacture and supply.

The following warranties apply:

- Structures including footings, elevator towers, walkways, silos etc - 5 years.
- Mechanical equipment including conveyors but excluding drive motors - 12 months.
- OEM equipment including drive motors and gearboxes - supplier warranty (generally 3 months).

This guarantee covers faulty design, engineering and workmanship; however this does not include problems arising from factors over which Kotzur has no control. These factors include footings constructed by others, negligent damage, unintended use of products, poor maintenance or care, normal wear and tear. Equipment manufactured by others and brought in by Kotzur Pty Ltd (e.g. Silo unloaders, aeration equipment) carry their respective manufacturers warranty. Please note this warranty excludes consequential losses.



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