

APPROXIMATE DUMP SEQUENCE SETTINGS

Autoflow 24' with 1 15 h.p. 40" Fan & Heater, & 3 h.p. Inline Centrifugal Aeration Fan

This Chart is based on dumping 1/3 of the chamber at a time

FOR MILO WHEAT or SOYBEANS dried to 13% at 70 deg. Ambient Temperature

Moisture Content	120 deg.	130 deg.	140 deg.	150 deg.	160 deg.	170 deg.	180 deg.
14.0	15.7	12.7	10.8	10.0	9.1	8.1	7.1
15.0	23.4	19.0	16.1	14.8	13.4	12.0	10.5
16.0	29.1	23.5	20.0	18.3	16.7	14.9	13.0
17.0	34.7	28.1	23.9	21.9	19.9	17.8	15.6
18.0	40.3	32.7	27.7	25.5	23.2	20.7	18.1
19.0	46.0	37.2	31.6	29.0	26.4	23.6	20.7
20.0	51.6	41.8	35.5	32.6	29.7	26.5	23.2
21.0	57.6	46.6	39.6	36.4	33.1	29.5	25.9
22.0	63.5	51.5	43.7	40.1	36.6	32.6	28.6
23.0	69.5	56.3	47.8	43.9	40.0	35.6	31.2
24.0	75.5	61.1	51.9	47.7	43.5	38.7	33.9
25.0	81.4	66.0	56.0	51.5	46.9	41.8	36.6
26.0	88.8	72.0	61.1	56.1	51.2	45.6	39.9
27.0	96.3	78.0	66.2	60.8	55.5	49.4	43.3
28.0	103.7	84.0	71.3	65.5	59.7	53.2	46.6
29.0	111.1	90.0	76.4	70.2	64.0	57.0	50.0
30.0	118.5	96.0	81.5	74.9	68.3	60.8	53.3
31.0	127.0	102.9	87.4	80.3	73.2	65.2	57.1
32.0	134.7	109.2	92.7	85.2	77.7	69.1	60.6
33.0	142.4	115.4	98.0	90.0	82.1	73.1	64.1
34.0	150.1	121.6	103.3	94.9	86.5	77.0	67.5
35.0	157.7	127.8	108.5	99.7	90.9	80.9	70.9
Approx. Moisture Control Setting	107.5	106.3	105.0	103.8	102.5	101.3	100.0

Adjust Temperatures according to grain quality. **Maximum temperature for Wheat and Soybeans is 160 degrees.**

Milo is a very Dirty and chaff is very flammable. Constant monitoring and Cleaning is required to keep fire hazards to a minimum.

Dump Time in seconds 24'=32

Basic Start Up Operating Instructions:

1. Turn both **Control power & 24 volt power ON**, then when you see the Date press the **Reset** key on the Keypad.
2. Set **Aeration Fan, Load, Fan, Burner, & Dump Switches** to **Auto**. Set **Moisture Control switch** to **ON** and **Dry and Hold Switch** to **OFF** then press **Green Start Switch**. When using Software vers 2.15 & above on Network Systems set the **Load Switch** to **ON** during first fill, then to **AUTO** after filled. Also with 2.15 Set the Aeration Fan Bypass to Enabled and turn the **Aeration Fan Switch** to **ON** if you want the **Aeration Fan** to continue running after the Top Dry Stops drying due to an error or that you are out of grain.
3. Use **Stop Button** to stop dryer, or to reset a warning on the screen
4. Use **Time & Temperature** on the first **4 dumps**. After the **4th**. dump Reset Time to **One Half** the chart setting

Last Fill. Shut down the Topdry when the last grain enters the chamber. Set **Dry Time** for **Two times** the normal chart settings and Push the **Reset** key. With the **Dry & Hold Switch** turned **ON** run until Topdry shuts down. Install your fan inlet cover on the fan and let the aeration fan cool the grain. After grain is cooled you can dump or leave it in the top chamber to store.

- * Dark shaded times (Above 60 min.) should be avoided, or at least require close management to assure proper drying. Also note that when operating at temperatures below 150 moisture control may require a lower setting at night

APPROXIMATE DUMP SEQUENCE SETTINGS

Autoflow 27' with 1 15 h.p. 36" Fan & Heater, & 3 h.p. Inline Centrifugal Aeration Fan

This Chart is based on dumping 1/3 of the chamber at a time

FOR MILO WHEAT or SOYBEANS dried to 13% at 70 deg. Ambient Temperature

Moisture Content	120 deg.	130 deg.	140 deg.	150 deg.	160 deg.	170 deg.	180 deg.	
14.0	22.5	18.3	15.5	14.3	13.0	11.6	10.1	Adjust Temperatures according to grain quality. Maximum temperature for Wheat and Soybeans is 160 degrees.
15.0	33.4	27.1	23.0	21.1	19.2	17.1	15.0	
16.0	41.5	33.6	28.5	26.2	23.9	21.3	18.6	
17.0	49.6	40.1	34.1	31.3	28.5	25.4	22.3	
18.0	57.6	46.7	39.6	36.4	33.2	29.6	25.9	
19.0	65.7	53.2	45.2	41.5	37.8	33.7	29.6	
20.0	73.7	59.7	50.7	46.6	42.5	37.9	33.2	Milo is a very Dirty and chaff is very flammable. Constant monitoring and Cleaning is required to keep fire hazards to a minimum.
21.0	82.2	66.6	56.6	52.0	47.4	42.2	37.0	
22.0	90.8	73.5	62.4	57.4	52.3	46.6	40.9	
23.0	99.3	80.4	68.3	62.8	57.3	51.0	44.7	
24.0	107.8	87.3	74.1	68.2	62.2	55.4	48.6	
25.0	116.3	94.2	80.0	73.6	67.1	59.8	52.4	
26.0	126.9	102.8	87.3	80.3	73.2	65.2	57.2	
27.0	137.5	111.4	94.6	87.0	79.3	70.6	62.0	
28.0	148.2	120.0	101.9	93.7	85.4	76.1	66.7	
29.0	158.8	128.6	109.2	100.4	91.5	81.5	71.5	
30.0	169.4	137.2	116.5	107.1	97.6	87.0	76.3	
31.0	181.6	147.1	124.9	114.8	104.6	93.2	81.8	
32.0	192.6	156.0	132.5	121.7	111.0	98.9	86.8	
33.0	203.6	165.0	140.0	128.7	117.3	104.5	91.7	
34.0	214.6	173.9	147.6	135.6	123.7	110.2	96.7	
35.0	225.5	182.7	155.1	142.5	129.9	115.7	101.6	
Approx. Moisture Control Setting	107.5	106.3	105.0	103.8	102.5	101.3	100.0	

Dump Time in seconds 27'=36

Basic Start Up Operating Instructions:

27' diameter Top Dries are Non Standard Special Order Systems

1. Turn both **Control power** & **24 volt power** ON, then when you see the Date press the **Reset** key on the Keypad.
2. Set **Aeration Fan, Load, Fan, Burner, & Dump Switches** to **Auto**. Set **Moisture Control switch** to **ON** and **Dry and Hold Switch** to **OFF** then press **Green Start Switch**. When using Software vers 2.15 & above on Network Systems set the **Load Switch** to **ON** during first fill, then to **AUTO** after filled. Also with 2.15 Set the Aeration Fan Bypass to Enabled and turn the **Aeration Fan Switch** to **ON** if you want the **Aeration Fan** to continue running after the Top Dry Stops drying due to an error or that you are out of grain.
3. Use **Stop Button** to stop dryer, or to reset a warning on the screen
4. Use **Time & Temperature** on the first **4 dumps**. After the 4th. dump Reset Time to **One Half** the chart setting

Last Fill. Shut down the Topdry when the last grain enters the chamber. Set **Dry Time** for **Two times** the normal chart settings and Push the **Reset** key. With the **Dry & Hold Switch** turned **ON** run until Topdry shuts down. Install your fan inlet cover on the fan and let the aeration fan cool the grain. After grain is cooled you can dump or leave it in the top chamber to store.

* Dark shaded times (Above 60 min.) should be avoided, or at least require close management to assure proper drying. Also note that when operating at temperatures below 150 moisture control may require a lower setting at night

APPROXIMATE DUMP SEQUENCE SETTINGS

Autoflow 1 30' with 40 h.p. 42" Fan & Heater, & 7 h.p. Inline Centrifugal Aeration Fan

This Chart is based on dumping 1/3 of the chamber at a time

FOR MILO WHEAT or SOYBEANS dried to 13% at 70 deg. Ambient Temperature

Moisture Content	120 deg.	130 deg.	140 deg.	150 deg.	160 deg.	170 deg.	180 deg.	
14.0	16.3	13.2	11.2	10.3	9.4	8.4	7.3	Adjust Temperatures according to grain quality. Maximum temperature for Wheat and Soybeans is 160 degrees.
15.0	24.1	19.6	16.6	15.3	13.9	12.4	10.8	
16.0	30.0	24.3	20.6	18.9	17.3	15.4	13.4	
17.0	35.8	29.0	24.6	22.6	20.6	18.4	16.1	
18.0	41.6	33.7	28.6	26.3	24.0	21.4	18.7	
19.0	47.4	38.4	32.6	30.0	27.3	24.4	21.4	
20.0	53.2	43.1	36.6	33.7	30.7	27.4	24.0	Milo is a very Dirty and chaff is very flammable. Constant monitoring and Cleaning is required to keep fire hazards to a minimum.
21.0	59.4	48.1	40.8	37.5	34.2	30.5	26.8	
22.0	65.5	53.1	45.1	41.4	37.8	33.7	29.5	
23.0	71.7	58.1	49.3	45.3	41.3	36.8	32.3	
24.0	77.9	63.1	53.6	49.2	44.9	40.0	35.0	
25.0	84.0	68.1	57.8	53.1	48.4	43.1	37.8	
26.0	91.7	74.3	63.1	58.0	52.8	47.0	41.3	
27.0	99.4	80.5	68.4	62.8	57.2	51.0	44.7	
28.0	107.1	86.7	73.6	67.7	61.7	54.9	48.2	
29.0	114.7	93.0	78.9	72.5	66.1	58.9	51.6	
30.0	122.4	99.2	84.2	77.4	70.5	62.8	55.1	
31.0	131.2	106.3	90.3	82.9	75.6	67.3	59.1	
32.0	139.2	112.8	95.7	87.9	80.2	71.4	62.6	
33.0	147.2	119.2	101.2	93.0	84.7	75.5	66.2	
34.0	155.1	125.7	106.7	98.0	89.3	79.6	69.8	
35.0	163.0	132.0	112.1	103.0	93.8	83.6	73.3	
Approx. Moisture Control Setting	107.5	106.3	105.0	103.8	102.5	101.3	100.0	

Dump Time in seconds 30'=40

Basic Start Up Operating Instructions:

1. Turn both **Control power** & **24 volt power** ON, then when you see the Date press the **Reset** key on the Keypad.
2. Set **Aeration Fan, Load, Fan, Burner, & Dump Switches** to **Auto**. Set **Moisture Control switch** to **ON** and **Dry and Hold Switch** to **OFF** then press **Green Start Switch**. When using Software vers 2.15 & above on Network Systems set the **Load Switch** to **ON** during first fill, then to **AUTO** after filled. Also with 2.15 Set the Aeration Fan Bypass to Enabled and turn the **Aeration Fan Switch** to **ON** if you want the **Aeration Fan** to continue running after the Top Dry Stops drying due to an error or that you are out of grain.
3. Use **Stop Button** to stop dryer, or to reset a warning on the screen
4. Use **Time & Temperature** on the first **4 dumps**. After the 4th. dump Reset Time to **One Half** the chart setting

Last Fill. Shut down the Topdry when the last grain enters the chamber. Set **Dry Time** for **Two times** the normal chart settings and Push the **Reset** key. With the **Dry & Hold Switch** turned **ON** run until Topdry shuts down. Install your fan inlet cover on the fan and let the aeration fan cool the grain. After grain is cooled you can dump or leave it in the top chamber to store.

* Dark shaded times (Above 60 min.) should be avoided, or at least require close management to assure proper drying. Also note that when operating at temperatures below 150 moisture control may require a lower setting at night

APPROXIMATE DUMP SEQUENCE SETTINGS

Autoflow 36' with 2 15 h.p. 42" Fans & Heaters, & 15 h.p. Inline Centrifugal Aeration Fan

This Chart is based on dumping 1/4 of the chamber at a time

FOR MILO WHEAT or SOYBEANS dried to 13% at 70 deg. Ambient Temperature

Moisture Content	120 deg.	130 deg.	140 deg.	150 deg.	160 deg.	170 deg.	180 deg.	
14.0	13.3	10.8	9.2	8.1	7.0	6.3	5.6	Adjust Temperatures according to grain quality. Maximum temperature for Wheat and Soybeans is 160 degrees.
15.0	20.0	16.2	13.7	12.1	10.5	9.5	8.4	
16.0	25.1	20.4	17.3	15.3	13.2	11.9	10.6	
17.0	30.3	24.6	20.9	18.4	15.9	14.4	12.8	
18.0	35.5	28.8	24.4	21.5	18.6	16.8	15.0	
19.0	40.7	33.0	28.0	24.7	21.4	19.3	17.2	
20.0	45.9	37.2	31.6	27.8	24.1	21.8	19.4	Milo is a very Dirty and chaff is very flammable. Constant monitoring and Cleaning is required to keep fire hazards to a minimum.
21.0	51.0	41.3	35.1	30.9	26.7	24.2	21.6	
22.0	56.1	45.4	38.6	34.0	29.4	26.6	23.7	
23.0	61.2	49.5	42.1	37.1	32.1	29.0	25.9	
24.0	66.2	53.7	45.6	40.2	34.8	31.4	28.1	
25.0	71.3	57.8	49.1	43.2	37.4	33.8	30.2	
26.0	77.6	62.9	53.4	47.1	40.8	36.8	32.9	
27.0	84.0	68.0	57.8	50.9	44.1	39.8	35.6	
28.0	90.3	73.2	62.1	54.8	47.4	42.8	38.2	
29.0	96.6	78.3	66.5	58.6	50.7	45.8	40.9	
30.0	102.9	83.4	70.8	62.4	54.1	48.8	43.6	
31.0	110.4	89.4	75.9	66.9	58.0	52.3	46.7	
32.0	117.0	94.8	80.5	71.0	61.5	55.5	49.5	
33.0	123.7	100.2	85.1	75.0	65.0	58.7	52.4	
34.0	130.4	105.7	89.7	79.1	68.5	61.9	55.2	
35.0	137.0	111.0	94.2	83.1	72.0	65.0	58.0	
Approx. Moisture Control Setting Test and Adjust	107.5	106.3	105.0	103.8	102.5	101.3	100.0	

Dump Time = 36 seconds

Basic Start Up Operating Instructions:

1. Turn both **Control power** & **24 volt power** ON, then when you see the Date press the **Reset** key on the Keypad.
2. Set **Aeration Fan, Load, Fan, Burner, & Dump Switches** to **Auto**. Set **Moisture Control switch** to **ON** and **Dry and Hold Switch** to **OFF** then press **Green Start Switch**. When using Software vers 2.15 & above on Network Systems set the **Load Switch** to **ON** during first fill, then to **AUTO** after filled. Also with 2.15 Set the Aeration Fan Bypass to Enabled and turn the **Aeration Fan Switch** to **ON** if you want the **Aeration Fan** to continue running after the Top Dry Stops drying due to an error or that you are out of grain.
3. Use **Stop Button** to stop dryer, or to reset a warning on the screen
4. Use **Time & Temperature** on the first **5 dumps**. After the **5th**. dump Reset Time to **One Half** the chart setting

Last Fill. Shut down the Topdry when the last grain enters the chamber. Set **Dry Time** for **Three times** the normal chart settings and Push the **Reset** key. With the **Dry & Hold Switch** turned **ON** run until Topdry shuts down. Install your fan inlet cover on the fan and let the aeration fan cool the grain. After grain is cooled you can dump or leave it in the top chamber to store.

- * Dark shaded times (Above 60 min.) should be avoided, or at least require close management to assure proper drying. Also note that when operating at temperatures below 150 moisture control may require a lower setting at night

APPROXIMATE DUMP SEQUENCE SETTINGS

Autoflow 36' with 2 30 h.p. 42" Fans & Heaters, & 7 h.p. Inline Centrifugal Aeration Fan

This Chart is based on dumping 1/4 of the chamber at a time

FOR MILO WHEAT or SOYBEANS dried to 13% at 70 deg. Ambient Temperature

Moisture Content	120 deg.	130 deg.	140 deg.	150 deg.	160 deg.	170 deg.	180 deg.	
14.0	11.3	9.2	7.8	6.9	5.9	5.4	4.8	Adjust Temperatures according to grain quality. Maximum temperature for Wheat and Soybeans is 160 degrees.
15.0	16.9	13.7	11.6	10.3	8.9	8.1	7.2	
16.0	21.0	17.0	14.5	12.8	11.1	10.0	8.9	
17.0	25.1	20.4	17.3	15.3	13.2	12.0	10.7	
18.0	29.3	23.7	20.1	17.8	15.4	13.9	12.4	
19.0	33.4	27.1	23.0	20.3	17.6	15.9	14.2	
20.0	37.5	30.4	25.8	22.8	19.7	17.8	15.9	Milo is a very Dirty and chaff is very flammable. Constant monitoring and Cleaning is required to keep fire hazards to a minimum.
21.0	41.5	33.6	28.5	25.2	21.8	19.7	17.6	
22.0	45.5	36.9	31.3	27.6	23.9	21.6	19.3	
23.0	49.5	40.1	34.0	30.0	26.0	23.5	21.0	
24.0	53.5	43.3	36.8	32.5	28.1	25.4	22.7	
25.0	57.5	46.6	39.5	34.9	30.2	27.3	24.4	
26.0	62.5	50.6	43.0	37.9	32.8	29.7	26.5	
27.0	67.5	54.7	46.4	40.9	35.4	32.0	28.6	
28.0	72.5	58.7	49.8	43.9	38.1	34.4	30.7	
29.0	77.4	62.7	53.3	47.0	40.7	36.8	32.8	
30.0	82.4	66.8	56.7	50.0	43.3	39.1	35.0	
31.0	88.4	71.6	60.8	53.6	46.4	41.9	37.5	
32.0	93.7	75.9	64.5	56.8	49.2	44.5	39.7	
33.0	99.1	80.3	68.2	60.1	52.0	47.0	42.0	
34.0	104.5	84.6	71.8	63.3	54.8	49.6	44.3	
35.0	109.7	88.9	75.5	66.5	57.6	52.1	46.5	
Approx. Moisture Control Setting	107.5	106.3	105.0	103.8	102.5	101.3	100.0	

Dump Time = 36 seconds

Basic Start Up Operating Instructions:

1. Turn both **Control power** & **24 volt power** ON, then when you see the Date press the **Reset** key on the Keypad.
2. Set **Aeration Fan, Load, Fan, Burner, & Dump Switches** to **Auto**. Set **Moisture Control switch** to **ON** and **Dry and Hold Switch** to **OFF** then press **Green Start Switch**. When using Software vers 2.15 & above on Network Systems set the **Load Switch** to **ON** during first fill, then to **AUTO** after filled. Also with 2.15 Set the Aeration Fan Bypass to Enabled and turn the **Aeration Fan Switch** to **ON** if you want the **Aeration Fan** to continue running after the Top Dry Stops drying due to an error or that you are out of grain.
3. Use **Stop Button** to stop dryer, or to reset a warning on the screen
4. Use **Time & Temperature** on the first **5 dumps**. After the **5th.** dump Reset Time to **One Half** the chart setting

Last Fill. Shut down the Topdry when the last grain enters the chamber. Set **Dry Time** for **Three times** the normal chart settings and Push the **Reset** key. With the **Dry & Hold Switch** turned **ON** run until Topdry shuts down. Install your fan inlet cover on the fan and let the aeration fan cool the grain. After grain is cooled you can dump or leave it in the top chamber to store.

- * Dark shaded times (Above 60 min.) should be avoided, or at least require close management to assure proper drying. Also note that when operating at temperatures below 150 moisture control may require a lower setting at night