

STANDARD DRAW CURTAIN MACHINES COMPACT TRACTION TYPE

GREEN STAGE MACHINERY LTD is pleased to introduce its latest range of compact and powerful series of Draw Curtain Machines for the motorization of Stage and TV Studio Curtain Tracks.

The Traction Draw Curtain Machines, although primarily designed to operate on GSM's own PIPE TRAK © system, can be easily integrated with other popular curtain track brands as manufactured by ADC and H&H Specialties.

The GSM series of Curtain Machines can be either wall mounted or track mounted and are primarily designed to motorize draw curtains when suspended from the following types of track.

PIPE TRAK ©	Ø 1-29/32" Standard Pipe Trak
ADC	1700 and 2800 Track Series
H&H	100 and 400 Track Series

The GSM Draw Curtain Machines are of traction drive design and have unlimited travel characteristics dependent on the final track layout, speed of operation and finished curtain weights.

The traction drive housing is fitted with a machined double V groove pulley for maximum traction when cabled in conjunction with the adjustable tension block. The multi wrap configuration provides a guaranteed slip free operation.

The heaviest of stage curtains can be motorized to give curtain reveal speeds ranging between 0 - 3 feet / second on straight draw tracks and 0 - 6 feet / second on centre overlap tracks.

The drive unit that attaches to the traction drive housing is available in two (2) types depending on the specific needs and budget of the customer.

TD-LITE TD-COMPACT

The Traction Type Draw Curtain Machines are configured for Fixed Speed as standard or optional Variable Speed if preferred.

Available Control options:

- Fixed Speed (230/3/60 & 115/1/60)
 - 115 VAC Open / Close / Stop - push button wall station
 - 24 VAC Open / Close / Stop - push button wall station.
 - 24 VAC Open / Close / Stop - push button pendant.
- Variable Speed (230/3/60)
 - 24 VAC Open / Close / Stop / Speed Dial - push button wall station.
 - Programmable multi-stop automated control with 3D visualization.

The **TD-LITE** uses standard North American geared reducers in its concept design and is the entry level model of the Compact Traction Draw Curtain Machines.

The most common options available are:

- Motor Brake
- Encoder
- Track mounted Limit Switches

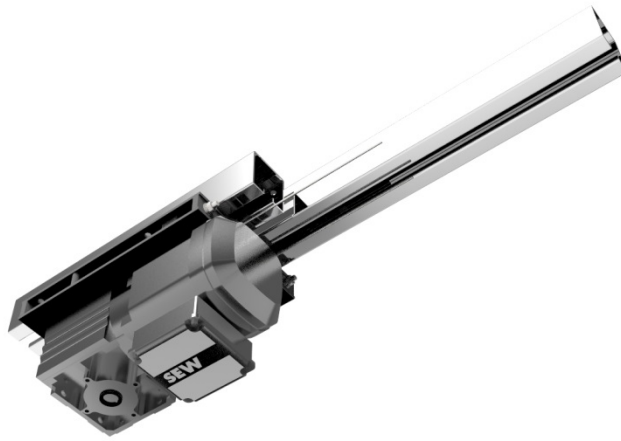


Illustration of a **TD-LITE** Draw Curtain Machine assembled to an H & H 400 / ADC 280 Track

MODEL NUMBER	OUTPUT RPM	LINE PULL LBF	REVEAL SPEED		MOTOR H.P.	SUPPLY VOLTAGE	DUTY CYCLE
			SINGLE DRAW	BI PART			
			in/sec	in/sec			
TD-LITE -134	134	63	45	90	0.5	230/3/60	100%
TD-LITE -107	107	77	36	72	0.5	230/3/60	100%
TD-LITE -77	77	98	26	52	0.5	230/3/60	100%
TD-LITE -69	69	102	23	46	0.5	230/3/60	100%
TD-LITE -62	62	109	21	42	0.5	230/3/60	100%
TD-LITE -52	52	118	17	34	0.5	230/3/60	100%
TD-LITE -44	44	142	15	30	0.5	230/3/60	100%
TD-LITE -35	35	155	12	24	0.5	230/3/60	100%
TD-LITE -28	28	180	9	18	0.5	230/3/60	100%
TD-LITE -18	18	178	6	12	0.33	230/3/60	100%

The **TD-COMPACT** uses European geared reducers in its concept design that couples a motorized geared reducer with optional ancillary features into a modular and compact design.

The most common options available are:

- 4 Position Limit Box
- On Board Relays
- Emergency Hand Winding with Auto Disconnect
- Motor Brake
- Encoder
- Track mounted Limit Switches

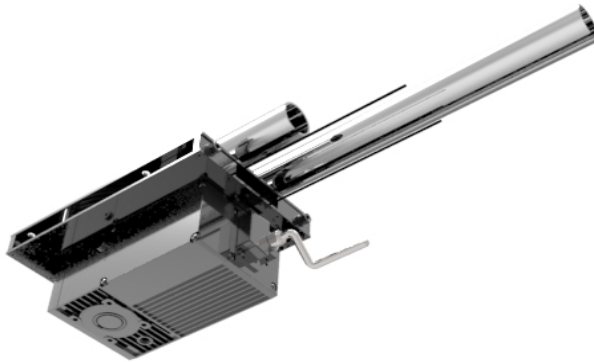


Illustration of a **TD-COMPACT** Draw Curtain Machine assembled to GSM standard PIPE TRAK

MODEL NUMBER	OUTPUT RPM	LINE PULL LBF	REVEAL SPEED		MOTOR H.P.	SUPPLY VOLTAGE	DUTY CYCLE
			SINGLE DRAW	BI PART			
			in/sec	in/sec			
TD-COMPACT -114	113.8	82	38	76	0.64	230/3/60	30%
TD-COMPACT -82	81.6	108	27	54	0.64	230/3/60	30%
TD-COMPACT -73	73.2	120	24	48	0.64	230/3/60	30%
TD-COMPACT -52	52.3	120	18	36	0.64	230/3/60	30%
TD-COMPACT -44	44	128	15	30	0.64	230/3/60	30%
TD-COMPACT -37	36.6	172	12	24	0.64	230/3/60	30%
TD-COMPACT -27	26.3	180	9	18	0.48	230/3/60	30%
TD-COMPACT -18	18.4	257	6	12	0.48	230/3/60	30%
TD-COMPACT -15	14.5	293	5	10	0.48	230/3/60	30%
TD-COMPACT -09	9.2	359	3	6	0.48	230/3/60	30%