

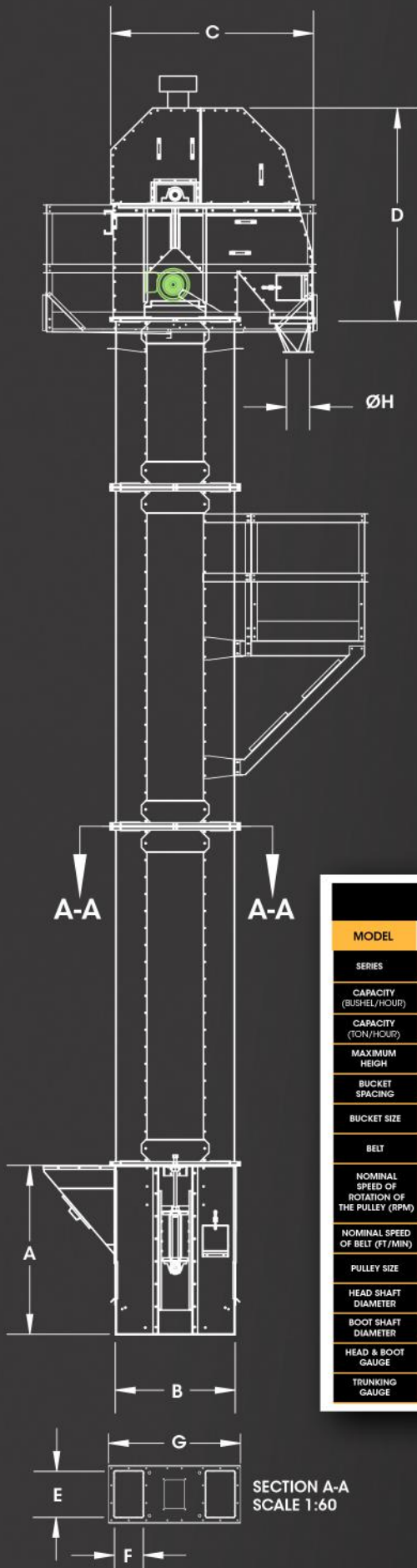
BUCKET

Elevators



Equipped with today's most innovative features, **CASA's Bucket Elevators** are built for both efficiency and performance for a variety of grain delivery requirements up to 16 000 BPH.

- Two-piece hood that allow easy access to the inside of the head section
- Machined UHMW shaft seals and the use of SOFR materials
- Inspection doors on many components, from head to boot
- Standard buckets are made from a durable, non-sparking, polyethylene
- Factory-assembled head section for faster installation on-site.



SECTION A-A
SCALE 1:60

DIMENSIONS								
	A	B	C	D	E	F	G	H
EG216	48 ^{1/8"}	32 ^{1/4"}	53 ^{3/4"}	54"	12 ^{3/4"}	9"	34 ^{7/8"}	8"
EG224	60 ^{1/8"}	42 ^{3/8"}	70 ^{1/2"}	74 ^{1/4"}	15 ^{7/8"}	9 ^{7/8"}	46"	10"
EG230	60 ^{1/8"}	52 ^{1/2"}	94 ^{1/4"}	86 ^{7/8"}	17 ^{2/3"}	11 ^{3/4"}	56"	12"
EG236	60 ^{1/8"}	58 ^{3/8"}	100 ^{1/2"}	89 ^{7/8"}	18"	12"	61 ^{7/8"}	14"
EG242	72 ^{1/8"}	67 ^{9/16"}	102 ^{1/2"}	105"	22 ^{1/8"}	14 ^{1/8"}	72 ^{1/8"}	16"

SPECIFICATIONS																								
MODEL	EG206			EG216					EG224					EG230		EG236			EG242					
SERIES	1	2	3	1	2	3	4	5	1	2	3	4	5	1	2	1	2	3	1					
CAPACITY (BUSHEL/HOUR)	150	300	600	1500	2000	2500	3000	3500	3000	3500	4000	5000	5600	6000	7000	7000	8000	10000	16000					
CAPACITY (TON/HOUR)	3.8	7.6	15.3	38	50	63	76	87	76	87	100	127	142	152	175	175	200	250	400					
MAXIMUM HEIGHT	65'	65'	40'	115'	115'	115'	115'	115'	140'	140'	140'	140'	140'	140'	140'	140'	140'	140'	160'					
BUCKET SPACING	6"	4"	5"	9"	7"	6.5"	5.25"	4.5"	8"	7"	7"	5.5"	5"	10"	8.5"	10"	9"	7"	7"					
BUCKET SIZE	4' x 3"		5' x 4"	9' x 5"		10' x 5"		10' x 5"LP		10' x 6"		12' x 6"		12' x 6"LP		14' x 7"HD		14' x 7"HD		16' x 8"HD				
BELT	PVG 120x5"		PVG 120x5.5"	PVG 250x10"					PVG 250x11"		PVG 250x11"		PVG 250x13"		PVG 250x13"		PVG 350x15"		PVG 350x15"		PVG 450x15"		PVG 450x17.5"	
NOMINAL SPEED OF ROTATION OF THE PULLEY (RPM)	115			95					73					62		60			60					
NOMINAL SPEED OF BELT (FT/MIN)	181			423					478					503		601			701					
PULLEY SIZE	Ø 6" x 6"			Ø 16" x 12"					Ø 24" x 14"					Ø 30" x 16"		Ø 36" x 16"			Ø 42" x 20"					
HEAD SHAFT DIAMETER	1"			2 3/16"					2 3/16"					3 7/16"		3 7/16"			4 15/16"					
BOOT SHAFT DIAMETER	1"			1 7/16"					1 15/16"					2 7/16"		2 7/16"			2 7/16"					
HEAD & BOOT GAUGE	14 GA			10 GA					10 GA					10 GA		10 GA			8 GA					
TRUNKING GAUGE	16 GA			14 GA					14 GA					14 GA		12 GA			10 GA					