



**TECHNICAL  
DATASHEETS**

**G.1 - CST SWEEP AUGERS**

AGI EMEA CST sweep auger is a zero entry sweep. The CST is a compact model with walking plates & a direct transmission by gearbox inside the silo. It is equipped with a 3 ph 380/420V 50 hz IP 55 electric geared motor above ground level. The CST is suitable for flat bottom silos from FP 06 to FP 20 with a limitation on the number of rings (20 rings for narrow/15 rings for shallow). It is available for capacity up to 50 T/h based on cereal @780 kg/m<sup>3</sup>.

AVAILABLE UPGRADES UPON REQUEST	CST
60 HZ UPGRADES	x
ATEX SPECIFICATION	x
CLEANING BRUSH	
PARKING POSITION SENSOR	x
FLIGHT REINFORCEMENT FOR ABRASIVE MATERIAL	
CENTER WELL UPGRADES FOR A HIGHER GRAVITY DISCHARGE	x

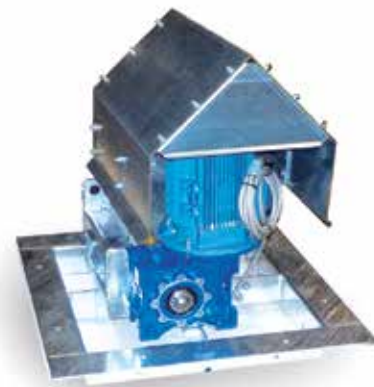
TECHNICAL DATA	CST
CAPACITY (BASED ON DRIED CEREAL 780 KG/M <sup>3</sup> . ACCORDING TO RPM)	up to 50 t/h
FLIGHT DIAMETER	200 mm
FLIGHT THICKNESS	2 mm
SWEEP AUGER PROGRESSION	WALKING PLATES WITH UHMWP FEET
CENTRE TUBE DIAMETER	60,3 mm
CENTRE TUBE WALL THICKNESS	2,9 mm
APEX COVER	130X130X3 mm SQUARE TUBE
APEX COVER CONNECTION	BOLTED COVER PLATE
FLOW REGULATION ADJUSTABLE FLAPS	2 mm - GALVANIZED
SCREW ROTATION SPEED	300 rpm
MAXIMUM GRAVITY DISCHARGE	400-500 m <sup>3</sup> /h



— Dwg of CST sweep auger



— Photo of CST sweep auger



— Photo of the gear motor