



EUROTEK

TRITON
Sand mixers



MODEL	*NOMINAL CAPACITY* (Tonnes/Hr)	SINGLE ARM	ARTICULATED SCREW CONVEYOR	ARTICULATED BELT CONVEYOR	MIXER (SAND IN/OUT)	PRIMARY ARM (SAND IN/OUT)	DRIVE (KW)
TS2	1 to 2	YES	-----	-----	735mm	-----	2.2kw
TS5	3 to 5	YES	-----	-----	1250mm	-----	4kw
TS10	6 to 10	YES	-----	-----	1500mm 1750mm 2000mm	-----	7.5kw
TS15	10 to 15	YES	-----	-----	2000mm	-----	11kw
TS20	12 to 20	YES	-----	-----	2000mm	-----	15kw
TS30	20 to 30	YES	-----	-----	2000mm	-----	18.5kw
TS40	30 to 40	YES	-----	-----	2000mm	-----	22kw

MODEL	*NOMINAL CAPACITY* (Tonnes/Hr)	SINGLE ARM	ARTICULATED SCREW CONVEYOR	ARTICULATED BELT CONVEYOR	MIXER (SAND IN/OUT)	PRIMARY ARM (SAND IN/OUT)	DRIVE (KW)
TA5SC	3 to 5	-----	YES		1250mm	-----	4kw
TA10SC	6 to 10	-----	YES	-----	1500mm 1750mm 2000mm	3000mm 4000mm 5000mm	7.5kw
TA15SC	10 to 15	-----	YES	-----	2000mm	3000mm 4000mm 5000mm 6000mm 7000mm	11kw
TA20SC	12 to 20	-----	YES	-----	2000mm	3000mm 4000mm 5000mm 6000mm 7000mm	15kw
TA30SC	20 to 30	-----	YES	-----	2000mm	3000mm 4000mm 5000mm 6000mm 7000mm	18.5kw
TA40SC	30 to 40	-----	YES	-----	2000mm	3000mm 4000mm 5000mm 6000mm 7000mm	22kw
TA60SC	40 to 60	-----	YES	-----	2000mm	3000mm 4000mm 5000mm 6000mm 7000mm	30kw

We reserve the right to alter specifications and design subject to future modifications and development

MODEL	*NOMINAL CAPACITY* (Tonnes/Hr)	SINGLE ARM	ARTICULATED SCREW CONVEYOR	ARTICULATED BELT CONVEYOR	MIXER (SAND IN/OUT)	PRIMARY ARM (SAND IN/OUT)	DRIVE (KW)
TA10BC	6 to 10	-----	-----	YES	1500mm 1750mm 2000mm	3000mm 4000mm 5000mm 6000mm 7000mm	7.5kw
TA15BC	10 to 15	-----	-----	YES	2000mm	3000mm 4000mm 5000mm 6000mm 7000mm	11kw
TA20BC	12 to 20	-----	-----	YES	2000mm	3000mm 4000mm 5000mm 6000mm 7000mm	15kw
TA30BC	20 to 30	-----	-----	YES	2000mm	3000mm 4000mm 5000mm 6000mm 7000mm	18.5kw
TA40BC	30 to 40	-----	-----	YES	2000mm	3000mm 4000mm 5000mm 6000mm 7000mm	22kw
TA60BC	40 to 60	-----	-----	YES	2000mm	3000mm 4000mm 5000mm 6000mm 7000mm	30kw

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Range of sand mixers



Single Arm



Articulated Screw Conveyor



Articulated Belt Conveyor



Mobile Mixer

Mixer design

- Triton TS.. range = Single arm
(1-40 tonnes per hour)
- Triton TA..SC range = Articulated screw conveyor design
(5 – 60 tonnes per hour)
- Triton TA..BC range = Articulated belt conveyor design for rapid
changeover of sand type/blend
(10 – 60 tonnes per hour)
- Triton Mobile range = Purpose built mobile sand mixers
(20 – 60 tonnes per hour)

* Note: The maximum capacity will depend upon the process being used

Standard Features

- All mixing blades hard wearing SG Iron or hard faced steel
- Quickly detachable mixing shaft with bolt on adjustable blades
- AC Inverter driven chemical dosing pumps
- Ball valve type non return valves on chemical dosing pumps
- Robust design for long life
- Guard-master bolt type safety interlock

Optional Features

- Tungsten carbide tipped blades
- Multi feed sand gates for blending/selection of sand
- Filters fitted to inlets on chemical dosing pumps
- PLC temperature blending (see separate leaflet)
- Pause timer and alarm
- Auto calibration feature
- Selecta-blend (manual control of catalyst or ester blend)
- Powder feeder with 30 litre hopper
- PORTAMIX conversion with 1000kg hopper (fixed or removable)
- Demountable hopper with low level probe & auto discharge
- Powered primary arm (articulated mixer only)
- Powered mixer head (articulated mixer only)
- Calibration tubes
- Adjustable discharge height via hydraulic controls (vertical)
- Horizontal pneumatic movement of mixer head
- Sand level sensors with auto discharge
- Sand temperature indicator
- Hinged cleanout door with guardmaster interlock on discharge chute for cleaning
- Pneumatically operated, self cleaning discharge outlet chute
- Fume extraction
- Infra red or radio control operation

Previous Screw conveyor articulated mixers



Previous Belt conveyor articulated mixers

