

TIDY

Rotary Screw Air Compressors



2,2-37 kW

DALGAKIRAN





0,38-6,40
m³/min

2,2-37
kW

7,5-10-13
bar

TIDY SERIES

Oil Injected, Belt Driven
Rotary Screw Air Compressor

Tidy presents constant high performance in small and medium business enterprises.



General Features

- High quality screw block and motor
- Electronic control
- Optional high-pressure air tank made from high pressure vessel steel
- Easy installation and quick implementation thanks to its compact design



Advantages

- Economic, service-friendly design minimizes downtime and reduces maintenance costs.
- Models with tanks and integrated dryers are compact and take up little space leaving room for other machinery.





Controller

- Without the need for an external main controller, ability to co-aged work synchronized with Master/Slave for up to two compressors
- Internal ModBus communication
- User-friendly on-screen interface
- Alarm log records last 20 alarms
- Weekly scheduler for starting/stopping the machine at 3 different time intervals can be individually set for each day of the week (30 kW and above)
- Maintenance warnings and log records (30 kW and above)



Main Motor and Drive System

- IE3 efficiency-class electric motor
- Star/delta motor starter
- Soft start option
- Belt-pulley drive system
- Easy-to-use belt tensioner and pulley bushing for easy servicing



Screw Block

- Durable screw block provides high-capacity of air and is specially selected for each model's capacity requirement
- New rotor profiles for reduced loss air production and lower torque requirements
- Next gen bearing design for improved load bearing capabilities



Cooling System

- Quiet and efficient axial fan attached directly to the main motor (TIDY 3-20)
- Temperature controlled additional fan motor (TIDY 20B-50)



Air & Oil Separator

Spin-on separator

- Easy to replace, assemble, and disassemble



Model	Pressure		Capacity*		Motor kW/HP	Connection	Dimensions [Width x Length x Height] (mm)		Weight (kg)	
	bar	psi	m ³ /min	cfm			Base Mounted	Tank + Dryer	Base Mounted	Tank + Dryer
TIDY 3	7,5	110	0,38	13,4	2,2/3	G 1/2"	900 x 550 x 860	1834x 550 x 1335	167	288
TIDY 4	7,5	110	0,41	14,5	3/4	G 1/2"	900 x 550 x 860	1834x 550 x 1335	159	290
	10	145	0,36	12,7						
TIDY 5	7,5	110	0,56	19,8	4/5,5	G 1/2"	900 x 550 x 860	1834 x 550 x 1335	175	306
	10	145	0,46	16,3						
	13	190	0,35	12,3						
TIDY 7	7,5	110	0,8	28,3	5,5/7,5	G 1/2"	1050 x 550 x 835	1425 x 550 x 1310	197	328
	10	145	0,65	23						
	13	190	0,53	18,7						
TIDY 10	7,5	110	1,15	40,6	7,5/10	G 3/4"	1050 x 550 x 835	1912 x 640 x 1612	205	408
	10	145	0,95	33,6						408
	13	190	0,77	27,2						437
TIDY 15	7,5	110	1,7	60	11/15	G 3/4"	1217 x 650 x 915	1915 x 655 x 1605	274	477
	10	145	1,4	49,5						477
	13	190	1,16	41						506
TIDY 20	7,5	110	2,25	79,5	15/20	G 3/4"	1217 x 670 x 915	1915 x 655 x 1605	305	510
	10	145	1,96	69,2						510
	13	190	1,61	56,9						539
TIDY 20 B	7,5	110	2,7	95,4	15/20	G 1"	1276 x 850 x 1435	-	420	-
	10	145	2,3	81,2						-
	13	190	1,9	67,1						-
TIDY 25	7,5	110	3,3	116,6	18,5/25	G 1"	1276 x 850 x 1435	-	465	-
	10	145	2,8	98,9						-
	13	190	2,4	84,8						-
TIDY 30	7,5	110	3,8	134,2	22/30	G 1"	1276 x 850 x 1435	-	510	-
	10	145	3,5	123,6						-
	13	190	3	106						-
TIDY 40	7,5	110	4,6	162,5	30/40	G 1 1/4"	1610 x 1030 x 1755	-	698	-
	10	145	4	141,3						-
	13	190	3,6	127,1						-
TIDY 40 B	7,5	110	5,2	183,7	30/40	G 1 1/4"	1610 x 1030 x 1755	-	710	-
	10	145	4,3	151,9						-
	13	190	3,7	130,7						-
TIDY 50	7,5	110	6,4	226	37/50	G 1 1/4"	1610 x 1030 x 1755	-	740	-
	10	145	5,4	190,7						-
	13	190	4,3	151,9						-

- Unit performances measured in reference conditions which are 1 bar absolute air Pressure, %0 relative humidity, 20°C inlet air temperature, 71°C thermostatic valve set temperature and use of Smartoil.
 - Dalgakiran reserves its rights to make changes in its products and specifications without prior notice.
 * Refers to free air delivery measured according to ISO 1217:2009, Annex E standard.