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Ergopulse PTI

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Pulse Tool Innovation

The new generation of pulse tools

Tired of servicing your tool too often?

Interested in having a faster production line? Do you want to have high operator comfort? Don't look further... We have designed the new PTI Pulse Tool with your needs in mind!

The PTI will reduce your total cost of ownership and give you increased value.

Here's how:

- It reduces the need of maintenance
- It improves the production quality throughout
- It is designed with superior ergonomics



¹ Up to 5 times longer tool uptime, depending on application.

Good for you, your operators, and for your company's business

up to **5**X

Longer time between service

... with our DuraPulse[®] technology. The PTI will be your new work horse that reduces the need of maintenance¹

Faster production

... with our TorqueBoost[®]. The torque built-up is even faster, giving you reduced hours per production unit

Excellent ergonomics for the operator

... to reduce work related costs due to operator fatigue and injuries



Improved quality

... with a more robust and stable shut-off mechanism



Optimal performance

... throughout the lifetime of the tool with the right startup and maintenance

Ergopulse PTI

	e '	range ^a	Free speed ^b	Wei	ight	Longth	CS		under ad	Rec.	Air inlet	
	e Nm	ft lb	r/min	kg	lb	mm	mm	l/s	cfm	mm	in	Ordering No
//6 3/8	8-19	6-14	7300	0.9	2	168	23	6.5	14	8	1/4	8431 0381 30
-M8 3/8	16-32	12-23	9000	0.9	2.0	168	23	6	13	8	1/4	8431 0381 40
-M10 3/8	30-55	22-40	7000	1.2	2.5	179	27	9	19	10	1/4	8431 0381 50
110 3/8	40-70	29-51	7100	1.3	2.8	179	27	10	21	10	1/4	8431 0381 55
110 1/2	50-80	37-59	5200	1.5	3.3	191	31	13	28	10	1/4	8431 0381 60
112 1/2	70-100	52-74	4200	1.7	3.7	201	31	14	30	10	1/4	8431 0381 65
2-M14 1/2	85-150	63-110	5300	2.3	5	201	34	15	32	13	3/8	8431 0381 70
<i>I</i> 15 3/8	7-15	5-11	6900	0.9	2	168	23	6.3	13	8	1/4	8431 0382 30
/16 3/8	13-25	9-18	8200	0.9	2.0	168	23	6	13	8	1/4	8431 0382 40
//6 3/8	23-35	17-26	6200	1.2	2.5	179	27	6	15	10	1/4	8431 0382 50
-M8 3/8	33-45	24-33	6300	1.3	2.8	179	27	8	17	10	1/4	8431 0382 55
110 1/2	43-65	32-48	4500	1.5	3.3	191	31	9.5	20	10	1/4	8431 0382 60
-M12 1/2	50-80	37-59	3600	1.7	3.7	201	31	13	28	10	1/4	8431 0382 65
2-M14 1/2	63-110	46-81	4000	2.3	5	201	36	16	34	13	3/8	8431 0382 70
	ize drive nm in 446 3/8 5-M8 3/8 5-M8 3/8 110 3/8 110 1/2 112 1/2 2-M14 1/2 412 1/2 2-M14 1/2 415 3/8 416 3/8 5-M8 3/8 410 1/2 0-M12 1/2	Off Square I ize drive in Nm via in Nm Nm via 3/8 16-32 -M10 3/8 30-55 110 3/8 40-70 110 1/2 50-80 112 1/2 70-100 2-M14 1/2 85-150 VI5 3/8 7-15 VI6 3/8 13-25 VI6 3/8 33-45 5-M8 3/8 33-45 110 1/2 43-65 5-M10 1/2 50-80	drive in Nm ft lb M6 3/8 8-19 6-14 5-M8 3/8 16-32 12-23 -M10 3/8 30-55 22-40 110 3/8 40-70 29-51 M10 1/2 50-80 37-59 M12 1/2 70-100 52-74 2-M14 1/2 85-150 63-110 W5 3/8 7-15 5-11 M6 3/8 13-25 9-18 M6 3/8 33-45 24-33 M10 1/2 43-65 32-48 M10 1/2 50-80 37-59	Off Square drive hmm Nm ft lb speed ^b r/min VI6 3/8 8-19 6-14 7300 Si-M8 3/8 16-32 12-23 9000 M10 3/8 30-55 22-40 7000 M10 3/8 40-70 29-51 7100 M10 1/2 50-80 37-59 5200 M12 1/2 70-100 52-74 4200 A-M14 1/2 85-150 63-110 5300 W15 3/8 7-15 5-11 6900 W6 3/8 13-25 9-18 8200 W6 3/8 33-45 24-33 6300 W10 1/2 43-65 32-48 4500 W10 1/2 50-80 37-59 3600	Off Square off Speedb speedb in Nm ft lb r/min kg M6 3/8 8-19 6-14 7300 0.9 Si-M8 3/8 16-32 12-23 9000 0.9 -M10 3/8 30-55 22-40 7000 1.2 M10 3/8 40-70 29-51 7100 1.3 M10 1/2 50-80 37-59 5200 1.5 M12 1/2 70-100 52-74 4200 1.7 P-M14 1/2 85-150 63-110 5300 2.3 W5 3/8 7-15 5-11 6900 0.9 W6 3/8 13-25 9-18 8200 0.9 W6 3/8 33-45 24-33 6300 1.3 M10 1/2 43-65 32-48 4500 1.5 M10 1/2 50-80 37-59 3600 1.7 <td>Off Square in Nm ft lb speedb r/min kg lb via 3/8 8-19 6-14 7300 0.9 2 via 3/8 16-32 12-23 9000 0.9 2.0 -M10 3/8 30-55 22-40 7000 1.2 2.5 110 3/8 40-70 29-51 7100 1.3 2.8 110 1/2 50-80 37-59 5200 1.5 3.3 112 1/2 70-100 52-74 4200 1.7 3.7 2-M14 1/2 85-150 63-110 5300 2.3 5 W15 3/8 7-15 5-11 6900 0.9 2 W16 3/8 13-25 9-18 8200 0.9 2.0 W16 3/8 23-35 17-26 6200 1.2 2.5 5-M8 3/8 33-45 24-33 6300 1.3 2.8<td>Offer Square Image of the second system Speedb Image of the second system Length mm M6 3/8 8-19 6-14 7300 0.9 2 168 Si-M8 3/8 16-32 12-23 9000 0.9 2.0 168 -M10 3/8 30-55 22-40 7000 1.2 2.5 179 M10 3/8 40-70 29-51 7100 1.3 2.8 179 M10 1/2 50-80 37-59 5200 1.5 3.3 191 M12 1/2 70-100 52-74 4200 1.7 3.7 201 P-M14 1/2 85-150 63-110 5300 2.3 5 201 W15 3/8 7-15 5-11 6900 0.9 2 168 W16 3/8 13-25 9-18 8200 0.9 2.0 168 W16 3/8 33-45 24-33 6300<!--</td--><td>Offer Strate Image: Constraint of the second of the secon</td><td>Offer offer offer speedb r/min kg lb mm distance mm l/s M6 3/8 8-19 6-14 7300 0.9 2 168 23 6.5 M6 3/8 16-32 12-23 9000 0.9 2.0 168 23 6 -M10 3/8 30-55 22-40 7000 1.2 2.5 179 27 9 110 3/8 40-70 29-51 7100 1.3 2.8 179 27 10 110 1/2 50-80 37-59 5200 1.5 3.3 191 31 13 112 1/2 70-100 52-74 4200 1.7 3.7 201 31 14 2-M14 1/2 85-150 63-110 5300 2.3 5 201 34 15 </td><td>Offer Square Image of the second sec</td><td>Offer offer offer speed^b offer length distance mm offer hose size mm hose size mm V6 3/8 8-19 6-14 7300 0.9 2 168 23 6.5 14 8 Si-M8 3/8 16-32 12-23 9000 0.9 2.0 168 23 6 13 8 -M10 3/8 30-55 22-40 7000 1.2 2.5 179 27 9 19 10 1010 3/8 40-70 29-51 7100 1.3 2.8 179 27 10 21 10 110 1/2 50-80 37-59 5200 1.5 3.3 191 31 13 28 10 112 1/2 70-100 52-74 4200 1.7 3.7 201 31 14 30 10 2M14 1/2 85-150 63-110 5300 2.3<td>Off is prediment Nm ft lb speedb Length distance mm In met hose size thread in himed in M6 3/8 8-19 6-14 7300 0.9 2 168 23 6.5 14 8 1/4 5-M8 3/8 16-32 12-23 9000 0.9 2.0 168 23 6 13 8 1/4 6-M10 3/8 30-55 22-40 7000 1.2 2.5 179 27 9 19 10 1/4 110 3/8 40-70 29-51 7100 1.3 2.8 179 27 10 21 10 1/4 110 1/2 50-80 37-59 5200 1.5 3.3 191 31 13 28 10 1/4 112 1/2 70-100 52-74 4200 1.7 3.7 201 31 14 30 10 1/4 11/2</td></td></td></td>	Off Square in Nm ft lb speedb r/min kg lb via 3/8 8-19 6-14 7300 0.9 2 via 3/8 16-32 12-23 9000 0.9 2.0 -M10 3/8 30-55 22-40 7000 1.2 2.5 110 3/8 40-70 29-51 7100 1.3 2.8 110 1/2 50-80 37-59 5200 1.5 3.3 112 1/2 70-100 52-74 4200 1.7 3.7 2-M14 1/2 85-150 63-110 5300 2.3 5 W15 3/8 7-15 5-11 6900 0.9 2 W16 3/8 13-25 9-18 8200 0.9 2.0 W16 3/8 23-35 17-26 6200 1.2 2.5 5-M8 3/8 33-45 24-33 6300 1.3 2.8 <td>Offer Square Image of the second system Speedb Image of the second 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27 10 21 10 1/4 110 1/2 50-80 37-59 5200 1.5 3.3 191 31 13 28 10 1/4 112 1/2 70-100 52-74 4200 1.7 3.7 201 31 14 30 10 1/4 11/2

Accessory	Ordering number					
Oil filling kit	4250 3220 90					
Protective cover EP5/6PTI	4250 3209 00					
Protective cover EP7/8PTI	4250 3206 00					
Protective cover EP9PTI	4250 3216 00					
Protective cover EP11PTI	4250 3218 00					
Protective cover EP13PTI	4250 3214 00					

Protective cover is included for every tool

^a To be used as a guide only, final torque depends on type of joint, accessories used and air pressure.

^b In full speed mode

^c Air pressure 6.3 bar / 91 psi

^d Air pressure 4 bar / 58 psi

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