Circular Saw Blades

Used with an Evolution EVO180

Productivity examples

VJT 180x20mm Z36 TCT Blade Product Code: 25600020	Action Value	Limit Value	HSE Points
Cutting through 50x50x6mm Steel angle	5300 cuts	21000 cuts	0.019 per cut

General information for this machine

Tool Weight	Sound Pressure	ISO 5349 Vibration Magnitude	Trigger Time to the Daily Action Value	Trigger Time to the Daily Limit Value	HSE Points per Minute
7 kg	98.5 dB(A)	2 m/s^2	>8 hours	>8 hours	0.14

Circular Saw Blades

Used with a Hilti WSC 255–KE

Productivity examples

VJT 160x20mm Z24 TCT Blade	Action Value	Limit Value	HSE Points
Cutting through 18mm Hardwood ply	2400 metres	9800 metres	0.041 per metre
Cutting through 50mm (2") Timber	1600 metres	6500 metres	0.07 per metre
VJT 160x20mm Z48 TCT Blade	**Action Value**	**Limit Value**	**HSE Points**
Cutting through 18mm Sterling board	3000 metres	12000 metres	0.033 per metre
Cutting through 12.5mm Plasterboard	6700 metres	27000 metres	0.015 per metre
Cutting through 18mm Hardwood ply	2600 metres	10000 metres	0.038 per metre

General information for this machine

Tool Weight	Sound Pressure	ISO 5349 Vibration Magnitude	Trigger Time to the Daily Action Value	Trigger Time to the Daily Limit Value	HSE Points per Minute
4.3 kg	89 dB(A)	2.9 m/s^2	6h 0m	>8 hours	0.28

Circular Saw Blades

Used with a Hilti WSC 265–KE

Productivity examples

VJT 180x20mm Z12 TCT Blade	Action Value	Limit Value	HSE Points
Cutting through 50mm (2") Timber	930 metres	3700 metres	0.11 per metre
Cutting through 12mm MDF	3300 metres	13000 metres	0.03 per metre

VJT 180x20mm Z24 TCT Blade	Action Value	Limit Value	HSE Points
Cutting through 50mm (2") Timber	1000 metres	4200 metres	0.1 per metre
Cutting through 12mm MDF	4200 metres	17000 metres	0.024 per metre

VJT 180x20mm Z56 TCT Blade	Action Value	Limit Value	HSE Points
Cutting through 50mm (2") Timber	850 metres	3400 metres	0.12 per metre
Cutting through 12mm MDF	3700 metres	15000 metres	0.027 per metre

General information for this machine

Tool Weight	Sound Pressure	ISO 5349 Vibration Magnitude	Trigger Time to the Daily Action Value	Trigger Time to the Daily Limit Value	HSE Points per Minute
4.5 kg	89 dB(A)	3.3 m/s^2	4h 30m	>8 hours	0.37

Circular Saw Blades

Used with a Hilti WSC85

Productivity examples

VJT 230x30mm Z18 TCT Blade	Action Value	Limit Value	HSE Points
Cutting through 50x100mm (2"x4") Timber	2000 metres	8000 metres	0.05 per metre
Cutting through 18mm Hardwood ply	6100 metres	24000 metres	0.017 per metre

VJT 230x30mm Z24 TCT Blade	Action Value	Limit Value	HSE Points
Cutting through Softwood	1500 metres	6100 metres	0.07 per metre
Cutting through 12mm MDF	4300 metres	17000 metres	0.024 per metre
Cutting through 12.5mm Plasterboard	8700 metres	35000 metres	0.012 per metre
Cutting through 18mm Hardwood ply	4400 metres	17000 metres	0.023 per metre

VJT 230x30mm Z40 TCT Blade	Action Value	Limit Value	HSE Points
Cutting through 18mm Hardwood ply	3800 metres	15000 metres	0.027 per metre

General information for this machine

Tool Weight	Sound Pressure	ISO 5349 Vibration Magnitude	Trigger Time to the Daily Action Value	Trigger Time to the Daily Limit Value	HSE Points per Minute
7 kg	99.8 dB(A)	2.5 m/s^2	7h 50m	>8 hours	0.22

Call VJ Technology on 01233 652550
www.vjtechnology.com

Circular Saw Blades

Used with a Makita 5903R

Productivity examples

VJT 230x30mm Z24 TCT Blade Product Code: 10400090	Action Value	Limit Value	HSE Points
Cutting through 18mm Hardwood ply	4900 metres	19000 metres	0.021 per metre
Cutting through 18mm Sterling board	5200 metres	21000 metres	0.019 per metre

VJT 230x30mm Z40 TCT Blade Product Code: 10400120	Action Value	Limit Value	HSE Points
Cutting through 18mm Hardwood ply	3600 metres	14000 metres	0.028 per metre
Cutting through 18mm Sterling board	4400 metres	17000 metres	0.023 per metre

General information for this machine

Tool Weight	Sound Pressure	ISO 5349 Vibration Magnitude	Trigger Time to the Daily Action Value	Trigger Time to the Daily Limit Value	HSE Points per Minute
7 kg	95 dB(A)	2.6 m/s^2	7h 20m	>8 hours	0.23

Call VJ Technology on 01233 652550
www.vjtechnology.com

Circular Saw Blades

Used with a Makita LC1230

Productivity examples

VJT 300x30mm Z60 TCT Blade	Action Value	Limit Value	HSE Points
Cutting through 50x50x6mm Steel angle	920 cuts	3600 cuts	0.11 per cut

General information for this machine

Tool Weight	Sound Pressure	ISO 5349 Vibration Magnitude	Trigger Time to the Daily Action Value	Trigger Time to the Daily Limit Value	HSE Points per Minute
19 kg	–	6.8 m/s^2	1h 0m	4h 20m	1.6