



FIND YOUR TRUE COST OF
iHSD OWNERSHIP INSIDE

CR9.90

iHSD®

HARRINGTON SEED
DESTRUCTOR

Simpler. Better.



HOW IT WORKS.

- ▶ Two mechanically driven vertical cage mills are retro-fitted to the rear of the harvester
- ▶ Weed seeds are severely impacted by the mills until they are no longer viable
- ▶ Chaff and inert weed seeds are spread over the paddock as powder

KEY FEATURES.



DIRECT MECHANICAL DRIVE

Less moving parts, more efficient. Simple.



REAR HATCH ACCESS

For simple grain loss checks



BI-DIRECTIONAL AUGER

To actively feed the mills, avoiding blockages



STONE TRAP

Avoids foreign objects entering mills



EASY BYPASS

For windrowing and/or harvesting without iHSD

1. Remove rear hatch door
2. Disengage belt



SIMPLER. BETTER.

TENSION PULLEY

HEAVY DUTY DRIVE BELT

With self tensioner

IDLER PULLEY

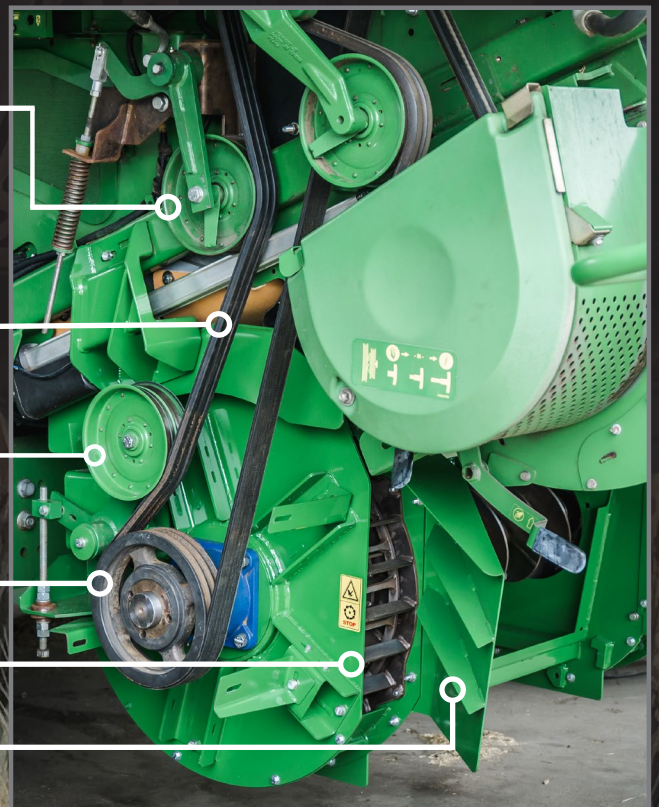
MILL DRIVE PULLEY

- ▶ Bearings rated to 4500 rpm
- ▶ Engineered to operate mills; @ 3000 rpm consistently maintaining mill capacity

PATENTED HSD MILL TECHNOLOGY

- ▶ 2 x vertical mechanical mills
- ▶ Wear hardened steel

EXTERNAL CHAFF CHUTE



“We knew it had been tested for years, which gives you confidence, and it seemed that they had a lot better capacity. The size of the throat, where the material goes down into the mill, is huge!”

- Sandy Day, Riverina, NSW



**HARRINGTON SEED
DESTRUCTOR**

“Burning windrows would normally take a couple of weeks and a lot of late nights. Now that we have the Seed Destructor, we’ve saved organic matter, labour and time, not to mention a plus for the environment.”

- Roger Dring, Carnamah WA

“It’s a bit addictive. You see some ryegrass near the gate so you drive the header over there to make sure you get it and then keep going. You know that at least 99% of all the weeds that go through the front aren’t going to germinate.”

- Ian Knapp, Katanning WA

RESULTS SPEAK FOR THEMSELVES.

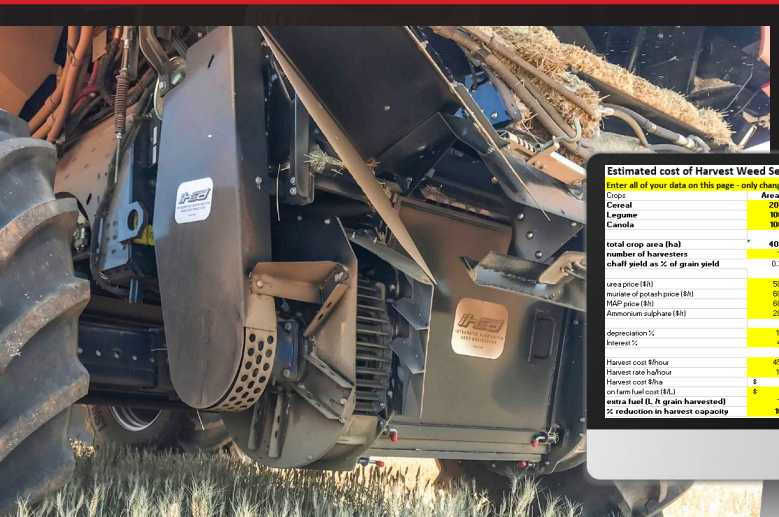
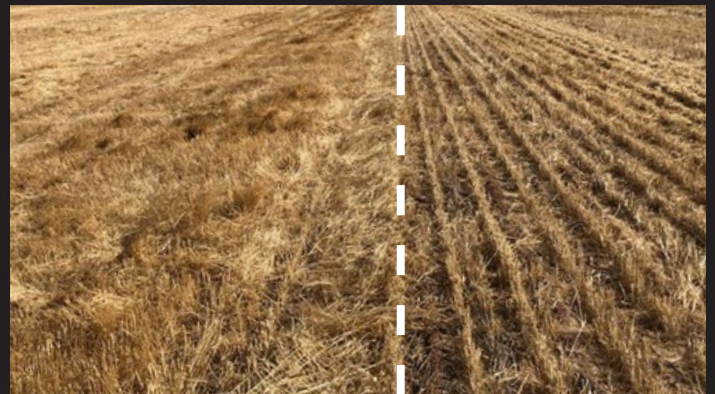
Without iHSD

With iHSD



Without iHSD

With iHSD



Estimated cost of Harvest Weed Seed Control

Enter all of your data on this page - only change the yellow cells

Crops	Area (ha)	Yield (t/ha)		
Cereal	2000	2.5		
Legume	1000	1.8		
Canola	1000	1.5		
			total tonnes of grain	
total crop area (ha)	4000	8300		
number of harvesters	1	those fitted with iHSD cost		
chaff yield as % of grain yield	0.33			
			Blume	
area price (\$/ha)	500		\$	109 N
price of potash (\$/t)	600		\$	1.21 K
MAP price (\$/t)	685		\$	2.62 P
Ammonium sulphate (\$/t)	280		\$	0.22 S
				Total
depreciation %	10			
interest %	6			
Harvest cost \$/hour	450	per harvester & chaff cereal harvest rate \$/hr		total hours of harvest
Harvest rate \$/ha	12			30
Harvest cost \$/ha				333
on farm fuel cost (\$/L)				37.50
extra fuel (L, @ grain harvested)	1	for PDS, Terminator, Roundup and WeedHOG mills		
% reduction in harvest capacity	10	due to seed mill, not harvest height		

WANT TO KNOW THE COST OF HARVEST WEED SEED CONTROL FOR YOU?

Use AHRI's calculator, add your own inputs and get an estimated cost. Head to bit.ly/HWSCcalculator



RAY HARRINGTON.

Western Australian farmer, Ray Harrington, has spent more than 20 years developing methods for harvest weed seed management, the results of which have led to the iHSD.

✓ **DESTROY UP TO 99%**
OF TARGETED WEED SPECIES

✓ **ONE PASS HARVEST WEED SEED CONTROL**
NO CHAFF CARTS, NO WINDROWS, NO BURNING

✓ **PROVEN**
8 YEARS OF COMMERCIALY BUILT HSD AND IHSD PRODUCTS

✓ **IMPROVES FUTURE WEED CONTROL**
REDUCES HERBICIDE RESISTANT WEEDS

✓ **AUSTRALIAN DESIGNED & BUILT**
25 YEARS OF RESEARCH, DEVELOPMENT, TESTING & REFINEMENT

✓ **BACKED UP**
AUSTRALIA-WIDE SERVICE & SUPPORT FROM YOUR LOCAL DEALER



**HARRINGTON SEED
DESTRUCTOR**

AVAILABLE MODELS.

NEW HOLLAND

JOHN DEERE

CASE IH

CLAAS

9090 10.90
8090 9.90
9080 8.90
9070

S690 S790
S680 S780
S670 S770

9250 8250 7250
9240 8240 7240
9230 8230 7230
9120 8120

8900
780TT
770TT

POWER PLANT

Mechanically driven, direct drive system

OPERATING LOAD REQUIREMENT

48 - 78 kW, Normal operating load 65 kW
Speed 3025 - 3075 RPM

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DESTRUCTOR**

www.ihsd.com

