

A COMBINE ATTACHMENT THAT  
KILLS WEED AND VOLUNTEER  
SEEDS WHILE YOU HARVEST



**de Bruin**  
Engineering

Harvest Weed Seed Control  
**Simpler. Better.**  
visit [ihsd.com](http://ihsd.com)



**HARRINGTON SEED  
DESTRUCTOR**





# HOW IT WORKS.

- ▶ Standing weeds are harvested by the combine
- ▶ Weed seeds or pods are separated into the chaff stream
- ▶ Chaff containing weed seeds is processed by the mills until weed seeds and volunteer seeds are no longer viable
- ▶ Processed chaff and weed seeds are spread back over the field as inert organic material

# OPERATIONAL 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

# SIMPLER. BETTER.

## TENSIONING PULLEY

Minimising belt slip

## HEAVY DUTY DRIVE BELT

Transmitting torque for power

## ADJUSTABLE IDLER PULLEY

Expands to allow chopper  
adjustment

## IHSD DRIVE PULLEY

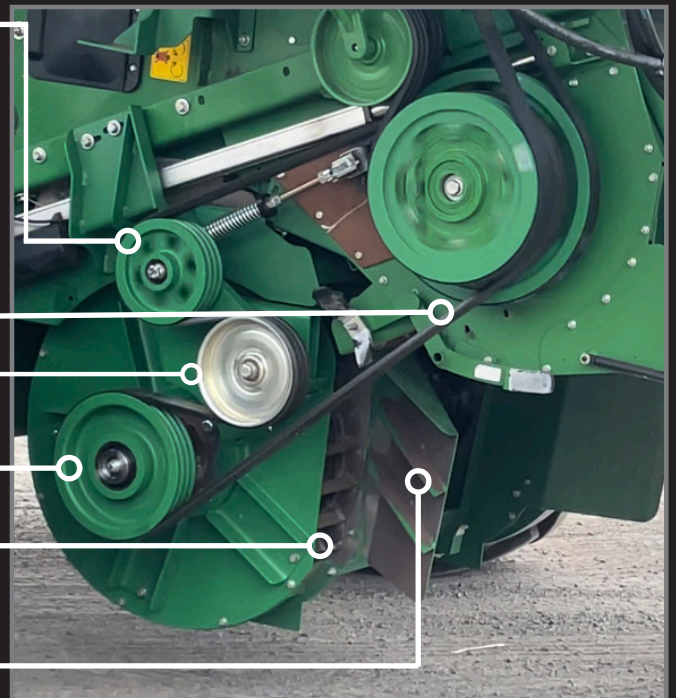
Drive pulley maintaining 3000  
rpm mill speed, Quick Drive  
disengagement clutch

## PATENTED IHSD MILLS

2 x vertical mechanical mills  
Hardened steel

## EXTERNAL CHAFF CHUTE

Direct output below straw to  
minimise dust





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# JOHN DEERE FEATURES

- ◆ Fits John Deere S-Series S790, S780, S770, S690, S680, S670
- ◆ Supports all factory straw handling systems
- ◆ Active Baffle™ chaff to spreader bypass
- ◆ Quick Drive™ driveshaft dog clutch (optional)
- ◆ Chopper speed selector Slow, High, Neutral
- ◆ Minimal impact installation – no change to jackshaft or pulleys
- ◆ Engage Active Baffle™ and Quick Drive™ to restore JD to standard configuration and harvest performance
- ◆ Quick Off™ belt guards
- ◆ Quick Draw™ removable draw bar and hitch plate (option)
- ◆ Advanced engineering lightweight stiffened auger shaft
- ◆ Cool running low maintenance bearings
- ◆ System can be removed in a few hours and combine restored to factory configuration
- ◆ Configurable mill options – Standard, Heavy Duty™, High Kill™, High Flow™

# TRUSTED PARTNER.



HARRINGTON SEED  
DESTRUCTOR

- ✓ DESTROY UP TO 99% OF TARGETED WEED SPECIES
- ✓ ONE PASS HARVEST WEED SEED CONTROL  
NO CHAFF CARTS, NO WINDROWS, NO BURNING
- ✓ PROVEN  
OVER A DECADE 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



## 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.

de Bruin Engineering reserve the right to make changes in engineering or specifications at any time without notice. Although every effort has been made to display accurate information, no responsibility will be taken for any errors contained in this publication.

## AVAILABLE TO FIT MODELS:

John Deere		CASE IH			New Holland	
S790	S690	9250	8250	7250	CR 10.90	CR 9090
S780	S680	9240	8240	7240	CR 9.90	CR 8090
S770	S670	9230	8230	7230	CR 8.90	CR 9080
		9120	8120			CR 9070

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Dealer Information: